Introduction

The Generic Code Sheet package is a Decentralized Hospital Computer Program (DHCP) software module which manages the input, editing, deletion, and transmission of code sheets from a local hospital computer system to a centralized computer system as defined by the code sheet.

The Generic Code Sheet package contains a code sheet file, GENERIC CODE SHEET (#2100), to be used to define field definitions to support the code sheets. The field definitions describe the type of data to be stored in the actual code sheet. The fields can be arranged in an input template in the order they will be used to create the code sheet.

Once the code sheet data has been created, the code sheets can be marked for batching. Batching the code sheets will group like code sheets together for transmission. When the code sheets are transmitted, all code sheets within the batch will be transmitted in the same VA MailMan message. The exception to this is the Financial Management System (FMS) code sheets. When the FMS code sheets are created they are queued for transmission using the GENERIC CODE SHEET STACK file (#2100.1), thus bypassing the batching process. The code sheets are transmitted from the stack file by a background VA TaskManager job which can be run every 2 hours, 3 hours, etc. as specified by the systems manager.

Orientation

The following conventions are used in this manual:

Bold   Shows the User Keyboard Entry. All user entries must be followed with a RETURN.

<**RET**> Press the Return key or Enter key to accept the default or to bypass the prompt.

Throughout the entire Generic Code Sheet package, you will always be able to enter a question mark (?) to obtain on-line information to assist you in your choice of actions at any prompt. Enter two question marks (??) for more detailed help.

DHCP Conventions

The following conventions are used within DHCP packages:

   JUMP MARK- ^
   DEFAULT MARKS - //
   SPACE BAR RETURN
   REPLACE/WITH
   EDITING
   DELETE MARK - @
   HALTING

a.   **The JUMP MARK^ can be used in several ways:**

> **The JUMP MARK^ used alone takes you back one menu level at a time.**
>
> **The ^ used with a field name allows you to skip directly forward or backward to that field prompt within an option.**
>
> **The ^ can be used with any 3-letter option code at any "Select Option" prompt to move quickly from one part of the Module to another.**
>
> **A double JUMP MARK^^ allows you to "rubber band" from the option where you are working to another option and then return back to the original option/prompt.**

b.   **Using SPACE BAR<RET> at any option will pull up the last option you used. When used at a prompt, it will re-enter the last information entered at that prompt. For example, if you have just edited a record for Doe,John and wish to verify the changes, you can enter SPACEBAR<RET> at the "Name" prompt instead of re-entering the name.**

c.   **EDITING means changing or altering data already entered. It does not mean deleting data altogether, leaving the field empty. There are some places where data may be either edited or deleted; there are other places where data may be edited only, not deleted. The system will tell you which actions are appropriate.**

d.   **The @ DELETE MARK will delete a line of data previously entered. As a safeguard the system will always ask if you really want to delete the data.**

f.   **The // marks to indicate that anything immediately to the left of those marks is the DEFAULT choice; if the data is satisfactory, it can be accepted with just a <RET>.**

> **If the data is not correct, simply enter replacement data to the right of the double slashes //, then the <RET>, and the new data will be substituted for the old.**

g.   **The "REPLACE...WITH" function is used to allow the correction or substitution of data in entries which are longer than 20 characters. The system allows fragmented replacement so that editing would appear as follows:**

NAME: BUILDING MANAGEMENT SERVICE Replace BUILDING<RET> With ENVIRONMENTAL<RET> Replace<RET>

The system will then redisplay:

ENVIRONMENTAL MANAGEMENT SERVICE

Implementation and Maintenance

A. Naming Conventions

The namespace assigned to the Generic Code Sheet package is GEC. All routines are located in the GECS namespace except for the initialization routines which begin with GECI. The only global exported as part of the Generic Code Sheet package is GECS. Namespaced variables of special note are listed in the Package-wide Variable section of the manual.

B. Files

The Generic Code Sheet package exports and uses the following files:

2100	GENERIC CODE SHEET
2100.1	GENERIC CODE SHEET STACK
2101.1	GENERIC CODE SHEET BATCH TYPE
2101.2	GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT
2101.3	GENERIC CODE SHEET TRANSMISSION RECORD
2101.4	GENERIC CODE SHEET TEMPLATE MAPS (not used)
2101.5	GENERIC CODE SHEET COUNTER
2101.6	GENERIC CODE SHEET LOCK
2101.7	GENERIC CODE SHEET SITE

The File List section of this manual provides additional file information.

C. Globals

The Generic Code Sheet package uses the namespaced ^GECS global to store all data. Journalling is recommended for the ^GECS global.

D. Resource Requirements

The executable routines located in the GECS namespace will take approximately 100 Kbytes of disk space.   The package initialization routines located in the GECI namespace will take approximately 2600 Kbytes of disk space, and can be deleted

after package installation. Please read and carefully follow the instructions in the Installation Guide.

The GENERIC CODE SHEET file (#2100) and GENERIC CODE SHEET STACK file (#2100.1) can grow significantly depending on the number of documents entered. It is recommended that unused code sheets be purged on a regular basis using the Purge Transmission Records/Code Sheets option. For information on purging old code sheets, please refer to the Archiving and Purging chapter of this manual.

E. Security Keys

The GECS SETUP key should be given to the systems manager. This key allows access to the Initialize a Code Sheet Type and Purge Transmission Records/Code Sheets options located on the Maintenance Menu under the GECS MAIN MENU.

F. Installation

For installation instructions of the Generic Code Sheet package, please refer to the Installation Guide.

G. Parameters

In order to implement the Generic Code Sheet package, you need to first set up the GENERIC CODE SHEET SITE file (#2101.7). This can be done either by using VA FileMan or through the Initialize a Code Sheet option. Below is an example of using VA FileMan:

```
VA FileMan 20.0

Select OPTION: ENTER OR EDIT FILE ENTRIES
INPUT TO WHAT FILE: GENERIC CODE SHEET SITE
EDIT WHICH FIELD: ALL//<RET>

Select GENERIC CODE SHEET SITE NAME: WASHINIGTON,DC
.OK? YES// YES
NAME: WASHINGTON,DC// <RET>
PRIMARY SITE?: YES// <RET>
```

If the GENERIC CODE SHEET SITE file (#2101.7) only has one site entry, the site will automatically be selected when the user uses the Generic Code Sheet package. If more than one site entry is contained in the file, the user will be asked to select the site name. If one of the entries is set up as the PRIMARY SITE, that site name will be the default selection.

H. Mail Groups

It may be necessary to create mail groups which will be used to transmit code sheets in VA MailMan messages and receive confirmation messages. The code sheets and confirmation messages are transmitted to the mail group as defined by the DOMAIN MAIL ROUTER sub-field in the GENERIC CODE SHEET BATCH file (#2101.1). For example, the VOLUNTARY batch type has the RECEIVING USER and DOMAIN MAIL ROUTER equal to XXX@Q-NST.VA.GOV. The VOLUNTARY code sheets and confirmation messages will be sent to the mail group NST.

To determine the mail groups which need to be set up, run the program GECSVFY from programmer's mode as follows (Note: only part of the report is printed below):

Any response other than YES will
exit back to programmer's mode.

```
>D ^GECSVFY

Do you want to check the batch types for errors? YES//<RET>
```

It is suggested you answer NO since local
modifications to the grouping of code sheets
under batches will be overwritten.

```
When a discrepancy is found, do you want me to try and fix it? NO//<RET>
-------------------------------------------------------------------
checking batch type: ACCOUNTS RECEIVABLE
        1.  ERROR -- THE MAIL GROUP 'AMD' NEEDS TO BE SET UP.
-----------------------------------------------------------------------------
-------------------------------------------
...
-----------------------------------------------------------------------------
-------------------------------------------
checking batch type: CONSULTING/ATTENDING
        1.  ERROR -- THE MAIL GROUP 'CAA' NEEDS TO BE SET UP.
-----------------------------------------------------------------------------
-------------------------------------------
...
```

Routine Descriptions

A. Descriptions

The Generic Code Sheet package Version 2.0 is composed of 46 executable routines in the GECS namespace and approximately 678 initialization routines in the GECI namespace. The GECI* routines can be deleted after package installation.

The following is a list of the executable routines and descriptions:

ROUTINE	DESCRIPTION
GECSA	old version 1.5 routine
GECSBATC	batch code sheets
GECSCALL	calls to various options
GECSDG	pims dggecsb patch routine (for PIMS 5.3*47)
GECSE	old version 1.5 routine
GECSE1	old version 1.5 routine
GECSE2	old version 1.5 routine
GECSEDIT	create and edit code sheets
GECSENTR	stuff data into template map automatically
GECSETUP	initialize a code sheet
GECSLIST	old version 1.5 routine
GECSMUT1	maintenance utilities (batching)
GECSMUT2	maintenance utilities
GECSNTEG	Package checksum checker
GECSPOS1	version 2 post-init, install PIMS patch 5.3*47)
GECSPOST	version 2 post-init
GECSPPRE	version 2 pre-init
GECSPUR1	purge code sheets (purge routine)
GECSPURG	purge code sheets (ask prompts)
GECSREP0	reports
GECSRST1	stack reports (print)
GECSRSTA	stack reports
GECSSCOM	stacker file enter user comments
GECSSDCT	dct accept, reject message utilities
GECSSGET	get data from stack file
GECSSITE	get site, fy, person data
GECSSTAA	stacker file utilities
GECSSTT1	stacker file retransmission
GECSSTTM	stacker file transmission (multi docs in a msg)
GECSSTTR	stacker file transmission (one doc per msg)

GECSSTTT	stacker file transmission routine
GECSTRAN	transmit a batch
GECSUFM1	FMSutilities: rebuild rejects
GECSUFMS	utilities
GECSULOC	lock system
GECSUNUM	get next counter number
GECSUSEL	utility selection
GECSUSTA	code sheet status utilities
GECSUTIL	code sheet utilities
GECSVFY	verify and check code sheet parameters
GECSVFY0	verify and check code sheet parameters
GECSVFY1	verify and check code sheet parameters (check)
GECSX5	old version 1.5 routine
GECSXBL1	ask to mark code sheets for batching
GECSXBLD	map data into template map
GECSXMAP	build template map

B. Mapping Recommendations

The following routines are used extensively by the package and should be mapped if possible (a * denotes all routines beginning with this name):

GECSBATC
GECSCALL
GECSEDIT
GECSENTR
GECSM*
GECSPU*
GECSR*
GECSS*
GECST*
GECSU*
GECSXB*

C. Callable Routines

For the list of callable routines, please refer to the Callable Routine Chapter of this manual.

File List

A. Overview

The GENERIC CODE SHEET file (#2100) is used to store the actual code sheets which have been automatically created by the system (except for the Financial Management code sheets which are placed in the GENERIC CODE SHEET STACK file (#2100.1)) or manually created by the user. This file contains all the fields and input templates which are used to create the code sheets. The fields are used to define the data which appears on the code sheet. The input templates define the order the fields should appear on the code sheets and the order the fields should be asked to the user.

The GENERIC CODE SHEET STACK file (#2100.1) is used to store the Financial Management System (FMS) code sheets which are ready for transmission. When a user manually creates and marks an FMS code sheet for transmission, it is moved to the GENERIC CODE SHEET STACK file (#2100.1). When the system automatically creates an FMS code sheet, it is automatically entered into the GENERIC CODE SHEET STACK file (#2100.1) bypassing the GENERIC CODE SHEET file (#2100). The code sheets are transmitted from the stack file and the STATUS field (#3) is used to monitor the code sheet's progress.

The GENERIC CODE SHEET BATCH TYPE file (#2101.1) is used to store the name of the application, service, or code sheet type, for example Dental, MAS, Financial Management, etc. The GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2) is used to store the name of each individual code sheet. The two files are linked using the BATCH TYPE Field (#.7) in the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2). This allows each individual code sheet to be grouped under an application, service, or code sheet type. Both of these files are exported with data.

The GENERIC CODE SHEET TRANSMISSION RECORD Generic Code CODE file (#2101.3) is used to track batches or groups of code sheets which have been batched and or transmitted (except for the Financial Management System code sheets which use the GENERIC CODE SHEET STACK file (#2100.1)). When code sheets entered into the GENERIC CODE SHEET file (#2100) are batched, a new batch number is created and entered into this file. The code sheet entries in the GENERIC CODE SHEET file (#2100) are grouped under this new batch number using the field BATCH NUMBER (#.8) in the GENERIC CODE SHEET file (#2100).

The GENERIC CODE SHEET TEMPLATE MAPS (not used) file (#2101.4) is no longer used in Version 2.0. In the previous version this file was used to store the input template map used to build the code sheet. Every time a patch was made to the input template, the template map had to be rebuilt in this file. In Version 2.0, the template map is created directly from the input template, thus eliminating the need to have to rebuild the template map when entering patches.

The GENERIC CODE SHEET COUNTER file (#2101.5) is used to create new code sheet numbers, batch numbers, and Financial Management numbers. The numbers are used to make the entries in the GENERIC CODE SHEET file (#2100), GENERIC CODE SHEET STACK file (#2100.1), and the GENERIC CODE SHEET TRANSMISSION RECORD Generic Code file (#2101.3) unique.

The GENERIC CODE SHEET LOCK file (#2101.6) in the previous version was used to manage the locks on batching and transmission. With the introduction of incremental and decremental locks to the M programming language, this file is used to store information which is displayed to the user showing the reason an incremental lock failed.

The GENERIC CODE SHEET SITE file (#2101.7) is used to store the site parameters for the local system using the Generic Code Sheet package.The GENERIC CODE SHEET STACK file (#2100.1) is used to store the Financial Management SystemFMS) code sheets which are ready for transmission. When a user manually creates an and marks it for transmission, it is moved to the GENERIC CODE SHEET STACK file (#2100.1). When the system automatically creates an FMScode sheet, it is automatically entered into the GENERIC CODE SHEET STACK file (#2100.1) bypassing the GENERIC CODE SHEET file (#2100). The code sheets are transmitted from the stack file and the STATUS field (#3) is used to monitor the code sheet's progress.

The GENERIC CODE SHEET BATCH TYPE file (#2101.1) is used to store the name of the application, service , or code sheet type, for example Dental, MAS, Financial Management, etc. The GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2) is used to store the name of each individual code sheet. The two files are linked using the BATCH TYPE Field (#.7) in the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2). This allows each individual code sheet to be grouped under an application, service, or code sheet type. Both of these files are exported with data.

The GENERIC CODE SHEET TRANSMISSION RECORD Generic Code file (#2101.3) is used to track batches or groups of code sheets which have been batched and or transmitted (except for the Financial Management System code sheets which use the GENERIC CODE SHEET STACK file (#2100.1)). When code sheets entered into the GENERIC CODE SHEET file (#2100) are batched, a new batch number is created and entered into this file. The code sheet entries in the

GENERIC CODE SHEET file (#2100) are grouped under this new batch number using the field BATCH NUMBER (#.8) in the GENERIC CODE SHEET file (#2100).

The GENERIC CODE SHEET TEMPLATE MAPS (not used) file (#2101.4) is no longer used in Version 2.0. In the previous version this file was used to store the input template map used to build the code sheet. Every time a patch was made to the input template, the template map had to be rebuilt in this file. In Version 2.0, the template map is created directly from the input template, thus eliminating the need to have to rebuild the template map when entering patches.

The GENERIC CODE SHEET COUNTER file (#2101.5) is used to create new code sheet numbers, batch numbers, and Financial Management numbers. The numbers are used to make the entries in the GENERIC CODE SHEET file (#2100), GENERIC CODE SHEET STACK file (#2100.1), and the GENERIC CODE SHEET TRANSMISSION RECORD Generic Code file (#2101.3) unique.

The GENERIC CODE SHEET LOCK file (#2101.6) in the previous version was used to manage the locks on batching and transmission. With the introduction of incremental and decremental locks to the M programming language, this file is used to store information which is displayed to the user showing the reason an incremental lock failed.

The GENERIC CODE SHEET SITE file (#2101.7) is used to store the site parameters for the local system using the Generic Code Sheet package.

B. Descriptions

The following is a list of the file descriptions:

2100   GENERIC CODE SHEET
This file stores the fields and data which make up the actual code sheet.

2100.1   GENERIC CODE SHEET STACK
This file stores the FMS documents for the batch type FINANCIAL MANAGEMENT. It is used to manage the transmission of the FMS code sheets between DHCP and FMS. When FMS code sheets are created manually or automatically, the code sheets are queued for transmission or transmitted immediately from this file.

This file is used internally by the Generic Code Sheet System and should not be edited through VA FileMan.

2101.1   GENERIC CODE SHEET BATCH TYPE
This file stores the different batch types of code sheets.

2101.2   GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT
This file stores the different types of code sheets for each type of batch (in File 2101.1).

2101.3   GENERIC CODE SHEET TRANSMISSION RECORD Generic Code
This file stores data that manages the creation/transmission of batch numbers (batches of code sheets).

2101.4   GENERIC CODE SHEET TEMPLATE MAPS (not used)
This file is no longer used in version 2.0.

2101.5   GENERIC CODE SHEET COUNTER
This file stores the counter number used for assigning numbers to each code sheet and each batch.

2101.6   GENERIC CODE SHEET LOCK
This file is used to store the user, process and date@time a Generic Code Sheet process was locked. A process can be defined as batching or transmitting code sheets.

The data stored in this file is for informational purposes only. It is not used to control the locking of processes in Generic Code Sheets. Generic Code Sheets uses incremental locks to prevent users from batching and transmitting duplicate code sheets. When one user is batching or transmitting and a second user tries to run the same process, a message is displayed from this file to the second user.

2101.7   GENERIC CODE SHEET SITE
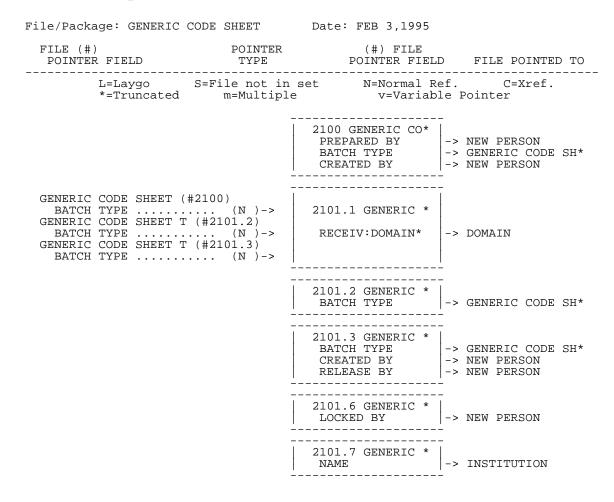This file stores the name of the site using the generic code sheet system.

C. File Security

All files exported with the Generic Code Sheet package Version 2.0 have the following security codes:

Data Dictionary (DD) Access:	@
Read (RD) Access:	@
Write (WR) Access:	@
Delete (DEL) Access:	@
LAYGO Access:	@

D. Overwriting Data

The files GENERIC CODE SHEET BATCH TYPE (#2101.1) and GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT (#2101.2) are exported with data. When you install Version 2.0, the data contained in these files will overwrite the data in the files on your local system.

E. File Map

```
File/Package: GENERIC CODE SHEET        Date: FEB 3,1995

  FILE (#)                   POINTER           (#) FILE
   POINTER FIELD              TYPE         POINTER FIELD    FILE POINTED TO
---------------------------------------------------------------------------
          L=Laygo     S=File not in set     N=Normal Ref.      C=Xref.
           *=Truncated     m=Multiple          v=Variable Pointer

                                    --------------------
                                   | 2100 GENERIC CO*   |
                                   |  PREPARED BY       |-> NEW PERSON
                                   |  BATCH TYPE        |-> GENERIC CODE SH*
                                   |  CREATED BY        |-> NEW PERSON
                                    --------------------
                                    --------------------
  GENERIC CODE SHEET (#2100)       |                    |
    BATCH TYPE ........... (N )-> | 2101.1 GENERIC *   |
  GENERIC CODE SHEET T (#2101.2)   |                    |
    BATCH TYPE ........... (N )-> |   RECEIV:DOMAIN*   |-> DOMAIN
  GENERIC CODE SHEET T (#2101.3)   |                    |
    BATCH TYPE ........... (N )-> |                    |
                                    --------------------
                                    --------------------
                                   | 2101.2 GENERIC *   |
                                   |  BATCH TYPE        |-> GENERIC CODE SH*
                                    --------------------
                                    --------------------
                                   | 2101.3 GENERIC *   |
                                   |  BATCH TYPE        |-> GENERIC CODE SH*
                                   |  CREATED BY        |-> NEW PERSON
                                   |  RELEASE BY        |-> NEW PERSON
                                    --------------------
                                    --------------------
                                   | 2101.6 GENERIC *   |
                                   |  LOCKED BY         |-> NEW PERSON
                                    --------------------
                                    --------------------
                                   | 2101.7 GENERIC *   |
                                   |  NAME              |-> INSTITUTION
                                    --------------------
```

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Technical Manual

Templates

A. Input Templates

The following is a list of the application, the input template under the application and the description of the code sheet. For example, under the ACCOUNTS RECEIVABLE application, the input template PRCA AR2 AMIS MEDIGAP is used to create the 243 CAT C - NSC VET NHC code sheet. Note: the input template descriptions have been truncated to 37 characters. All the input templates listed below are used in the GENERIC CODE SHEET file (#2100):

```
ACCOUNTS RECEIVABLE
      PRCA AR2 AMIS MEDIGAP         243    CAT C - NSC VET NHC
      PRCA AR2 AMIS MEDIGAP         244    CAT C - NSC OUTPATIENT CARE
      PRCA AR2 AMIS MEDIGAP         245    CAT C - NSC HOSPITAL CARE
      PRCA AR2 AMIS 243-249         246    WORKMAN'S COMPENSATION CARE
      PRCA AR2 AMIS 243-249         247    NO FAULT MOTOR VEHICLE ACCIDENT CARE
      PRCA AR2 AMIS 243-249         248    CRIME OF PERSONAL VIOLENCE
      PRCA AR2 AMIS MEDIGAP         249    NSC W/HEALTH INSURANCE (OPT)
      PRCA AR2 AMIS 251-254         251    INELIGIBLE HOSPITALIZATION AND TREATM
      PRCA AR2 AMIS 251-254         252    EMERGENCY HOSPITALIZATION
      PRCA AR2 AMIS 251-254         253    BREACHED CAREER RESIDENCY CONTRACTS
      PRCA AR2 AMIS 251-254         254    BREECHED OBLIGATED SERVICE AGREEMENT
      PRCA AR2 AMIS MEDIGAP VM      292    SC VET TREAT NSC CON (INPT)
      PRCA AR2 AMIS MEDIGAP VM      293    SC VET TREAT NSC CON (OPT)
      PRCA AR2 AMIS 294-296         294    MEDS FURNISHED OPT CARE, RX CO-PAY (N
      PRCA AR2 AMIS 294-296         295    $10 PER DAY HOSPITAL CARE
      PRCA AR2 AMIS 294-296         296    $5 PER DAY NHCU CARE
      PRCA AR2 AMIS MEDIGAP VM      297    NSC VET W/HEALTH INSURANCE (INPT)
      PRCA AR2 AMIS 294-296         298    MEDS FURNISHED OPT CARE, RX CO-PAY (S

BUILDING MANAGEMENT
      A4CG AMS4 BMS HRS WORKED      217    BMS Staff Hours Worked
      A4CG AMS4 BMS ENVIR CARE      218    BMS Environmental Care Operations
      A4CG AMS4 BMS TEXTILE CARE    219    BMS Textile Care Operations
      A4CG AMS4 BMS CONTRACT HRS    220    BMS Contracted Hours

CHAPLAIN
      A4CG AMS4 CHAP MONTHLY        141    Chaplain Service Monthly Code Sheet
      A4CG AMS4 CHAP FUNDS          142    Chaplain's Fund

CONSULTING/ATTENDING
      PRCC CA2 10-2418a             2418A  C & A TIME CARD
      PRCC CA2 10-2418D3            2418C  C&A RENEWAL
      PRCC CA2 10-2418D1            2418D1 C&A D1 TRANSACTIONS
      PRCC CA2 10-2418D2            2418D2 C&A D2 TRANSACTIONS
      PRCC CA2 10-2418D3            2418D3 C&A D3 TRANSACTIONS
      PRCC CA2 10-2418D3T           2418T  TERMINATE C&A
      PRCC CA2 10-2418 HEADER       C&AHDR 10-2418 Consulting and Attending Head

DDCSS - MENTAL HEALTH
      YSDD DDC5 5333                5333   HCF Information Sheet, Austin Trans C
      YSDD DDC5 5334                5334   Medication Dispensing Document, Austi
      YSDD DDC5 5335                5335   Urinalysis Request/Report Form, Austi
      YSDD DDC5 5356                5356   Patient Information Sheet, Austin Tra
      YSDD DDC5 5357                5357   Patient Dosage Schedule, Austin Trans
      YSDD DDC5 53CO                53CO   Counseling Session Document - Austin

DENTAL
      GECS KEYPUNCH                 G61    Dental Svc Code Sheet, Type 1
      GECS KEYPUNCH                 G62    Dental Svc Code Sheet, Type 2
      GECS KEYPUNCH                 G63    Dental Svc Code Sheet, Type 3, Data
      GECS KEYPUNCH                 G64    Dental Svc Code Sheet, Type 4, Data
```

Templates

```
GECS KEYPUNCH                  G65    Dental Svc Code Sheet, Type 5, Appl.

DIETETICS
    FH AMS4 224                224    DIETETIC FOOD COST OF MEALS SERVED

FEE BASIS
    FB AMS1A AMIS 344          344    AMIS 344 PUBLIC HOSP
    FB AMS1A AMIS 344          347    AMIS 347 CIVIL HOSP
    FB AMS1A AMIS 344          348    AMIS 348 FEDERAL HOSP
    FB AMS1A AMIS 349          349    AMIS 349 COMMUNITY N.H.
    FB AMS1A AMIS 350          350    AMIS 350 STATE DOM

FEE BASIS - GECO
    FB AMS1 RCS 18-3           18-3   Community Nursing Home RCS 18-3 code

FEE BASIS - IFCAP
    FB FEEBASIS-IFCAP 994.01   994.01 Fee Basis Linkage Input Control
    FB FEEBASIS-IFCAP 994.01   994.02 Fee Basis Linkage Input Control
    FB FEEBASIS-IFCAP 994.00   994.00 Fee Basis Linkage Input Control
    FB FEEBASIS-IFCAP 994.01   994.10 Fee Basis Linkage Input Control
    FB FEEBASIS-IFCAP 994.90   994.90 Fee Basis Linkage Input Control

FINANCIAL MANAGEMENT
    PRCFMS:AO                  AO:FMS FMSA & E Contract Order
    PRCFMS:AT                  AT:FMS FMS Allowance Transfer
    PRCFMS:AV                  AV:FMS FMS Advance Voucher
    PRCFMS:BD                  BD:FMS FMS Billing Document
    PRCFMS:CO(CONTRACT ORDER)  CO:FMS FMS Contract Order
    PRCFMS:CR                  CR:FMS FMS Cash Receipt
    PRCFMS:CX                  CX:FMS FMS Check Cancellation
    PRCFMS:DD                  DD:FMS FMS Direct Disbursement
    PRCFMS:DV                  DV:FMS FMS Advance Direct Disbursement Vouch
    PRCFMS:IF                  IF:FMS FMS Imprest Fund Reimbursement
    PRCFMS:IV                  IV:FMS FMS Issue Voucher
    PRCFMS:MO                  MO:FMS FMS Miscellaneous Order Document
    PRCFMS:MV                  MV:FMS FMS Multipurpose Voucher
    PRCFMS:NC                  NC:FMS FMS No Check Expenditure
    PRCFMS:OP                  OP:FMS FMS Overpayment Patient Refund Docume
    PRCFMS:PV                  PV:FMS FMS Payment Voucher
    PRCFMS:RC                  RC:FMS FMS Receiver
    PRCFMS:RO                  RO:FMS FMS Relocation Order
    PRCFMS:RT                  RT:FMS FMS Receiving Report
    PRCFMS:RV                  RV:FMS FMS Relocation Voucher
    PRCFMS:SA                  SA:FMS FMS Suballowance Document
    PRCFMS:SO                  SO:FMS FMS Service Order Document
    PRCFMS:ST                  ST:FMS FMS Suballowance Transfer
    PRCFMS:SV                  SV:FMS FMS Standard Voucher
    GECS KEYPUNCH              TD:FMS FMS Transportation
    PRCFMS:TN                  TN:FMS FMS Transportation Invoice
    PRCFMS:TO                  TO:FMS FMS Travel Order
    PRCFMS:TP                  TP:FMS FMS Travel-Related Payment Voucher
    PRCFMS:TV                  TV:FMS FMS Travel Voucher
    PRCFMS:TY                  TY:FMS FMS Baseline Travel Voucher for Manil
    PRCFMS:TZ                  TZ:FMS FMS Baseline Travel Order for Manila
    GECS KEYPUNCH              VR:FMS FMS Vendor Request
    PRCFMS:WR                  WR:FMS FMS Write Off Document

FORM REQUISITION - GECO
    GECO FORM2 REQUISITION     FORM1  Form and Form Letter Requisition Code

HOSPITAL BASED HOME CARE- GECO
    GECO HBHC2 EVAL/ADM FORM 3 HBHC3  Hospital Based Home Care Eval/Admissi
    GECO HBHC2 VISIT LOG FORM 4 HBHC4 Hospital Based Home Care Visit Log Fo
    GECO HBHC2 DISCHARGE FORM 5 HBHC5 Hospital Based Home Care Discharge Fo

LAB
    LR AMS5 AFIPA 378          378    ARMED FORCES INSTITUTE OF PATHOLOGY A
    LR AMS5 ADMIN DATA H01     H01    ADMINISTRATIVE DATA
    LR AMS5 AUTO CHEM H02-H18  H02    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H03    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H04    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H05    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H06    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H07    AUTOMATED CHEMISTRY - SHORT LIST
    LR AMS5 AUTO CHEM H02-H18  H08    AUTOMATED CHEMISTRY - SHORT LIST
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LR AMS5 AUTO CHEM H02-H18      H09     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H10     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H11     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H12     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H13     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H14     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 CHEM MAN TESTS H15     H15     CHEMISTRY MANUAL TESTS - SHORT LIST
LR AMS5 CHEM MAN TESTS H16     H16     CHEMISTRY MANUAL TESTS - SHORT LIST
LR AMS5 CHEM MAN TESTS H17     H17     CHEMISTRY MANUAL TESTS - SHORT LIST
LR AMS5 AUTO CHEM H02-H18      H18     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H19     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H20     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H21     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 URINE AND FECES H22    H22     URINE AND FECES MANUAL TESTS - SHORT
LR AMS5 AUTO CHEM H19-H76      H23     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 HEM MAN & AUTO H24     H24     HEMATOLOGY MANUAL AND AUTOMATED TESTS
LR AMS5 HEM MAN & AUTO H26     H26     HEMATOLOGY MANUAL AND AUTOMATED TESTS
LR AMS5 BB MAN & AUTO H28      H28     BLOOD BANK MANUAL AND AUTOMATED TESTS
LR AMS5 BB MAN & AUTO H29      H29     BLOOD BANK MANUAL AND AUTOMATED TESTS
LR AMS5 IMMUN MAN & AUTO H30   H30     IMMUNOLOGY MANUAL AND AUTOMATED TESTS
LR AMS5 MICRO AUTO H32         H32     MICROBIOLOGY AUTOMATED
LR AMS5 M,B,GM,SP H33          H33     MICRO,BACTERIOLOGY,GENERAL MICRO & SP
LR AMS5 MICRO BLOOD CULT H34   H34     MICORBIOLOGY BLOOD CULTURES
LR AMS5 AUTO CHEM H19-H76      H35     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 HISTOLOGY H36          H36     HISTOLOGY
LR AMS5 AUTO CHEM H19-H76      H37     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H38     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H39     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H40     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H41     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 MISCELLANEOUS H42      H42     MISCELLANEOUS
LR AMS5 AUTO CHEM H19-H76      H43     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 SPEC PROC & DISP H44   H44     SPECIMEN PROCUREMENT AND DISPATCH
LR AMS5 CHEM MAN & AUTO H46    H46     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H47     H47     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H48    H48     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H49     H49     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H50    H50     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H51     H51     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H52    H52     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H53     H53     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H54    H54     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H55     H55     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H56    H56     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H57     H57     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H58    H58     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H59     H59     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H60    H60     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H61     H61     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H62    H62     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H63     H63     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H64    H64     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H65     H65     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H66    H66     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H67     H67     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 CHEM MAN & AUTO H68    H68     CHEMISTRY - MANUAL AND AUTOMATED TEST
LR AMS5 DRUG AND TOXIC H69     H69     CHEMISTRY - SUB SECTION DRUG AND TOXI
LR AMS5 AUTO CHEM H19-H76      H73     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 URINE AND FECES H74    H74     URINE AND FECES
LR AMS5 AUTO CHEM H19-H76      H75     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H19-H76      H76     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H77-H85      H77     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 HEMATOLOGY H78         H78     HEMATOLOGY
LR AMS5 HEMATOLOGY H79         H79     HEMATOLOGY
LR AMS5 HEMATOLOGY H80         H80     HEMATOLOGY
LR AMS5 AUTO CHEM H77-H85      H81     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H77-H85      H82     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 AUTO CHEM H77-H85      H83     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 BLOOD BANK H84         H84     BLOOD BANK
LR AMS5 AUTO CHEM H77-H85      H85     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 BLOOD BANK H86         H86     BLOOD BANK
LR AMS5 BG & CHEM H87          H87     AUTOMATED CHEMISTRY - SHORT LIST
LR AMS5 IMMUNOLOGY H88         H88     IMMUNOLOGY
LR AMS5 IMMUNOLOGY H89         H89     IMMUNOLOGY
LR AMS5 IDENT KITS H90         H90     MICROBIOLOGY COMM IDENT KITS AND MIC/
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        LR AMS5 MYCOBACTERIOLOGY H91   H91    MYCOBACTERIOLOGY
        LR AMS5 MYCOLOGY H92           H92    MYCOLOGY
        LR AMS5 PARASITOLOGY H93       H93    PARASITOLOGY
        LR AMS5 HISTOLOGY H94          H94    HISTOLOGY
        LR AMS5 ELECTRON MICRO H95     H95    ELECTRON MICROSCOPY
        LR AMS5 CYTOLOGY H96           H96    CYTOLOGY
        LR AMS5 SUSCEPTIBILITY H97     H97    MICROBIOLOGY SUSCEPTIBILITY METHODS
        LR AMS5 VIROLOGY H98           H98    MICROBIOLOGY VIROLOGY
        LR AMS5 ENVIRONMENTAL H99      H99    MICROBIOLOGY ENVIRONMENTAL
        LR AMS5 RADIOISOTOPES J03      J03    RADIOISOTOPES
        LR AMS5 MISCELLANEOUS J07      J07    Laboratory Supplemental List - Miscel
        LR AMS5 ADMIN DATA J08         J08    ELECTRON MICROSCOPY - ADMINISTRATIVE
        LR AMS5 DRUG DEP PROG J09      J09    DRUG DEPENDENCE PROGRAM

MAS
        DG AMS1C AMIS 167              167    AMIS 167
        SD AMS1 AMIS223                223    AMIS 223
        DG AMS1D AMIS 290             290    AMIS 290 C&P
        DG AMS1 AMIS 334              334    AMIS 334
        DG AMS1 AMIS                  335    AMIS 335
        DG AMS1 AMIS 336             336    AMIS 336
        DG AMS1 AMIS                  337    AMIS 337
        DG AMS1 AMIS                  338    AMIS 338
        DG AMS1 AMIS                  339    AMIS 339
        DG AMS1 AMIS                  340    AMIS 340
        DG AMS1 AMIS                  341    AMIS 341
        DG AMS1 AMIS 345             345    AMIS 345 VANH
        DG AMS1 AMIS 345             346    AMIS 346 DOM
        DG AMS1 AMIS 400             401    AMIS 401 100%SC
        DG AMS1 AMIS 400             402    AMIS 402 90%SC
        DG AMS1 AMIS 400             403    AMIS 403 80%SC
        DG AMS1 AMIS 400             404    AMIS 404 70%SC
        DG AMS1 AMIS 400             405    AMIS 405 60%SC
        DG AMS1 AMIS 400             406    AMIS 406 50%SC
        DG AMS1 AMIS 400             407    AMIS 407 40%SC
        DG AMS1 AMIS 400             408    AMIS 408 30%SC
        DG AMS1 AMIS 400             409    AMIS 409 20%SC
        DG AMS1 AMIS 400             410    AMIS 410 10%SC
        DG AMS1 AMIS 400             411    AMIS 411 0%SC
        DG AMS1 AMIS 400             412    AMIS 412 OTHER SC VETS
        DG AMS1 AMIS 400             413    AMIS 413 FORMER POW
        DG AMS1 AMIS 400             414    AMIS 414 AO/IR
        DG AMS1 AMIS 400             415    AMIS 415 WWI
        DG AMS1 AMIS 400             416    AMIS 416 VA PENSION
        DG AMS1 AMIS 400             417    AMIS 417 MEDICAID
        DG AMS1 AMIS 400             418    AMIS 418 CAT A/NSC
        DG AMS1 AMIS 400             419    AMIS 419 CAT B/NSC
        DG AMS1 AMIS 420             420    AMIS 420 CAT C/NSC

MEDICAL MEDIA
        A4CG AMS4 MMP QUARTERLY       165    Medical Media Prduction Qtrly

MEDICINE
        MC AMS2 230 HOME OXYGEN       230    AMIS 230 HOME OXYGEN
        MC AMS2 234 AUD-SPEECH PATH   234    AMIS 234 AUDIOLOGY AND SPEECH PATHOLO
        MC AMS2 J15 CATHETERIZATION   J15    AMIS J15 CATHETERIZATION
        MC AMS2 J19 DIALYSIS          J19    AMIS J19 DIALYSIS
        MC AMS2 J41 MICU             J41    AMIS J41 MICU
        MC AMS2 J42 SICU             J42    AMIS J42 SICU
        MC AMS2 J43 CCU              J43    AMIS J43 CCU
        MC AMS2 J44 GEN PURPOSE UNIT  J44    AMIS J44 GENERAL PURPOSE UNITS

MENTAL HEALTH
        YS AMS5 169                   169    INVOLUNTARY COMMITMENT REPORT (MH&BSS
        YS AMS5 171                   171    PSYCHOLOGY SERVICE
        YS AMS5 172                   172    PSYCHOLOGY SERVICE
        YS AMS5 222                   222    DAY TREATMENT CENTER
        YS AMS5 229                   229    DAY HOSPITAL PROGRAM
        YS AMS5 311                   311    DRUG DEPENDENCE PROGRAM (INPATIENT)
        YS AMS5 312                   312    DRUG DEPENDENCE PROGRAM (OUTPATIENT/R
        YS AMS5 313                   313    DRUG DEPENDENCE PROGRAM (NON-DRUG DEP
        YS AMS5 314                   314    Substance Abuse Treatment Center Inpa
        YS AMS5 315                   315    ALCOHOL DEPENDENCE PROGRAM (ATU INPAT
        YS AMS5 316                   316    ALCOHOL DEPENDENCE PROGRAM (ATU OUTPA
        YS AMS5 317                   317    ALCOHOL DEPENDENCE PROGRAM (ATU NON-A
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        YS AMS5 318                    318     Substance Abuse Treatment Center OP P
        YS AMS5 319                    319     Domiciliary Substance Abuse Treatment
        YS AMS5 324                    324     Non-Substance Abuse Treatment Center

NURSING
        A4CG AMS4 NURS MANPOWER        200     Nursing Manpower Utilization
        A4CG AMS4 NURS MANHOURS        201     Nursing Manhours Worked
        A4CG AMS4 NURS FTEE            202     FTEE Ceilings and Positions Filled

PERSONNEL
        GECO PER4 RECRUITMENT          PER1    Recruitment Bulletin Report

PERSONNEL:VACANT
        GECO PER4 VACANT POSITIONS     PER2    Quarterly Report of Vacant Positions

PHARMACY
        PSGE AMS3 AMIS 157             157     AMIS 157 OUPT PHARMACY
        PSGE AMS3 AMIS 158             158     AMIS 158 INPT PHARMACY

PHYSICIAN RECRUIT/STAFF - GECO
        GECO PHY4 PHYSICIAN PART-1     PHY1    Physician Recruitment & Staffing Part
        GECO PHY4 PHYSICIAN PART-2     PHY2    Physician Recruitment & Staffing Part
        GECO PHY4 PHYSICIAN PART-3     PHY3    Physician Recruitment & Staffing Part
        GECO PHY4 PHYSICIAN PART-4     PHY4    Physician Recruitment & Staffing Part

PROSTHETICS
        RMPR AMS5 AMIS 120             120     PROSTHETICS ACTIVITIES - INVEN. DISAB
        RMPR AMS5 AMIS 121             121     PROSTHETICS ACTIVITIES - STATUS LOAN
        RMPR AMS5 AMIS 122             122     PROSTHETICS ACTIV.-NEW APPLIANCES FUR
        RMPR AMS5 AMIS 123             123     PROSTHETICS ACTIVITIES-NEW APPLIANCES
        RMPR AMS5 AMIS 124             124     PROSTHETICS ACTIVITIES-NEW APPLIANCES
        RMPR AMS5 AMIS 125             125     PROSTHETICS ACTIV.-NEW APPLIANCES FUR
        RMPR AMS5 AMIS 126             126     PROSTHETICS ACTIV.-NEW APPLIANCES FUR
        RMPR AMS5 AMIS 127             127     PROSTHETICS ACTIV.-NEW APPLIANCES FUR
        RMPR AMS5 AMIS 128             128     PROSTHETICS ACTIV.-NEW APPLIANCES FUR
        RMPR AMS5 AMIS 129             129     PROSTHETICS ACTIVITIES - REPAIRS FURN
        RMPR AMS5 AMIS 130             130     PROSTHETICS ACTIVITIES - REPAIRS FURN
        RMPR AMS5 AMIS 131             131     PROSTHETICS ACTIVITIES - REPAIRS FURN
        RMPR AMS5 AMIS 132             132     RESTORATIONS CLINIC - TOTAL WORK PROD
        RMPR AMS5 AMIS 133             133     RESTORATIONS CLINIC - TOTAL WORK PROD
        RMPR AMS5 AMIS 134             134     RESTORATIONS CLINIC - WORK FOR OTHER
        RMPR AMS5 AMIS 135             135     ORTHOTICS LAB - TOTAL WORK PRODUCED (
        RMPR AMS5 AMIS 136             136     ORTHOTICS LAB - TOTAL WORK PRODUCED (
        RMPR AMS5 AMIS 137             137     ORTHOTICS LAB - TOTAL WORK PRODUCED (
        RMPR AMS5 AMIS 138             138     ORTHOTICS LAB - WORK FOR OTHER STA. (
        RMPR AMS5 AMIS 139             139     PROSTHETIC ACTIVITIES-NEW APPLIANCES
        RMPR AMS5 AMIS 150             150     VISUAL IMPAIRMENT SERVICES TEAM
        RMPR AMS5 AMIS 173             173     STAFFING FOR SPINAL CORD INJURY BED S
        RMPR AMS5 AMIS 174             174     SPINAL CORD INJURY - ADMISSIONS, DISC
        RMPR AMS5 AMIS 362             362     SPINAL CORD INJURY - HOME CARE UNIT
        RMPR AMS5 AMIS 363             363     SPINAL CORD INJURY HOME CARE UNIT COD

RADIOLOGY
        RA AMS1 AMIS 186               186     AMIS 186 RAD.INPATIENT
        RA AMS1 AMIS 186               189     AMIS 189 RAD.OUTPATIENT

RECREATION
        A4CG AMS4 REC INDIRECT         264     Recreation Service Indirect Care
        A4CG AMS4 REC DIRECT           265     Recreation Service Direct Patient Car

SECURITY/POLICE
        ESP AMS7 196                   196     AMIS 196 DM&S UNIFORM CRIME REPORT

SOCIAL WORK
        GECS KEYPUNCH                  255     Social Work Cases Treated and Manhour
        GECS KEYPUNCH                  256     Social Work Patient Status
        SOWK AMS3 AMIS 257             257     AMIS 257 SOCIAL WORK
        SOWK AMS3 AMIS 258             258     AMIS 258 SOCIAL WORK
        SOWK AMS3 AMIS 361             361     AMIS 361 SOCIAL WORK

STAFFING MANAGEMENT - GECO
        GECO NSY4 STAFF MGMT - 1       NSY1    The reporting facility and period for
        GECO NSY4 STAFF MGMT - 2       NSY2    Report Activity codes 502 and 509 for
        GECO NSY4 STAFF MGMT - 3       NSY3    Report Activity codes 100 and 200 for
        GECO NSY4 STAFF MGMT - 4       NSY4    Report Activity codes 205 and 215 for
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        GECO NSY4 STAFF MGMT - 5      NSY5    Report Activity codes 300 and 400 for
        GECO NSY4 STAFF MGMT - 6      NSY6    Report Activity codes 405 and 410 for
        GECO NSY4 STAFF MGMT - 7      NSY7    Report Activity code 701 for RCS 10-0

SURGERY
        SR AMS3 AMIS 177              177     AMIS 177 SURGERY

SWS (FOR VAF10-7946) - GECO
        GECS KEYPUNCH                 7946    SOCIAL WORK SERVICE PATIENT DATA CODE

SWS - GECO
        GECS KEYPUNCH                 18-8    Social Work Residential Care Program

VOLUNTARY
        VOLU VOL2 10 CHANGE COMB      10      CHANGE COMBINATION
        VOLU VOL2 11 CORRECT COMB     11      CORRECT COMBINATION
        VOLU VOL2 01 ADD NEW VOL      01      ADD NEW VOLUNTEER
        VOLU VOL2 02 ADD NEW VOL      02      ADD NEW VOL
        VOLU VOL2 03 CHANGE VOL DATA  03      CHANGE VOL DATA
        VOLU VOL2 03 REACTIVATE VOL   03R     REACTIVATE VOL
        VOLU VOL2 03 TERMINATE VOL    03T     TERMINATE VOL
        VOLU VOL2 04 CHANGE VOL DATA  04      CHANGE VOL DATA
        VOLU VOL2 04 DELETE COMB      04D     DELETE COMBINATION
        VOLU VOL2 05 ADD NEW VOL      05      ADD NEW VOLUNTEER
        VOLU VOL2 08 CORRECT COMB     08      CORRECT COMBINATION
        VOLU VOL2 09 DELETE VOL       09      DELETE VOLUNTEER
        VOLU VOL2 10 DELETE COMB      10D     DELETE COMBINATION

WAGE SURVEY - GECO
        GECO WGE4 BLS FORM            WGE1    Wage Survey - BLS Form
        GECO WGE4 EI FORM             WGE2    Wage Survey - Establishment Informati
        GECO WGE4 DATA FORM           WGE3    Wage Survey - Wage Data Collection Fo
        GECO WGE4 CONT FORM           WGE4    Wage Survey - Wage Data Continuation
        GECO WGE4 PARAMETERS          WGE5    FWS Information/Parameter Input
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The PRCFMSCONTROL input template in the GENERIC CODE SHEET file (#2100) is used internally by the Generic Code Sheet package to create the Financial Management System control segment.

B. Print Templates

The following is a list of the print templates exported with Version 2.0 of the Generic Code Sheet package:

GECS BATCH STATUS

This print template is used to print the status of all batches using the option Status of all Batches. The template prints from the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3).

GECS BATCHES WAITING

This print template is used to print a list of batches showing a status of being transmitted or waiting for transmission. This report can be printed using the option Batches Waiting to be Transmitted. The template prints from the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3).

GECS READY FOR BATCHING

This print template is used to print a list of code sheets which are ready for batching using the option Code Sheets Ready for Batching. The template prints from the GENERIC CODE SHEET file (#2100).

GECS READY FOR TRANSMISSION

This print template is used to print a list of code sheets which are ready for transmission using the option Batches Waiting to be Transmitted. The template will print a listing of code sheets which have been batched but not transmitted. The actual code sheet will not be printed (to print the actual code sheet see the GECS TRANSMIT LIST print template). The print template prints from the GENERIC CODE SHEET file (#2100).

GECS TRANSMISSION

This print template is not used in the Generic Code Sheet package Version 2.0 and will be deleted in the next version.

GECS TRANSMIT LIST

This print template is used to print a list of code sheets which are ready for transmission using the option Batches Waiting to be Transmitted. The template will print a listing of code sheets which have been batched but not transmitted. This print template is the same as the GECS READY FOR TRANSMISSION print template with the exception of printing the actual code sheet to be transmitted.

C. Sort Templates

The following is a list of the sort templates exported with Version 2.0 of the Generic Code Sheet package:

GECS BATCH STATUS

This sort template is used to sort the status of all batches using the option Status of all Batches. The template sorts from the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3).

GECS BATCHES WAITING

This sort template is used to sort the list of batches showing a status of being transmitted or waiting for transmission. This report can be printed using the option Batches Waiting to be Transmitted. The template sorts from the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3).

GECS READY FOR BATCHING

This sort template is used to sort the list of code sheets which are ready for batching using the option Code Sheets Ready for Batching. The template sorts from the GENERIC CODE SHEET file (#2100).

GECS READY FOR TRANSMISSION

This sort template sorts the list of code sheets which are ready for transmission using the option Batches Waiting to be Transmitted. The template will sort the listing of code sheets which have been batched but not transmitted. The template sorts from the GENERIC CODE SHEET file (#2100).

GECS TRANSMISSION

This sort template is not used in the Generic Code Sheet package Version 2.0 and will be deleted in the next version.

Exported Options

A. Map of Options

The top level option for the systems manager is the GECS MAIN MENU. From this menu the systems manager can access any type of code sheet. With the GECSETUP security key, all Generic Code Sheet options can be accessed from this menu. It is recommended that only the systems manager (usually located in IRM) have access to this menu option.

The following is the menu diagram of the GECS MAIN MENU:

        Batch Code Sheets
        Create a Code Sheet
        Keypunch a Code Sheet
        Maintenance Menu
                Batch Edit
                Code Sheet Edit
                Delete Code Sheet
                Initialize a Code Sheet Type
                Mark Batch for Retransmission
                Mark Code Sheet for Rebatching
                Purge Transmission Records/Code Sheets
                Review Code Sheet
        Reports Menu
                Batches Waiting to be Transmitted
                Code Sheets Ready for Batching
                Status of all Batches
        Stack Menu
                Retransmit Stack File Document
                Stack Status Report
                User Comments
        Transmit Code Sheets

The Generic Code Sheet package also exports the GECO GECS MAIN MENU. This menu is set up to access all the batch types (GENERIC CODE SHEET BATCH file (#2101.1) which contain the characters "- GECO" in its name. This would include the batch types:

        FEE BASIS - GECO
        HOSPITAL BASED HOME CARE - GECO
        PHYSICIAN RECRUIT/STAFF - GECO

> STAFFING MANAGEMENT - GECO
> SWS (FOR VAF10-7946) - GECO
> SWS - GECO
> WAGE SURVEY - GECO

This menu should be given to the user responsible for handling the code sheets under the batch types listed above.

The following is the menu diagram of the GECO GECS MAIN MENU:

> Batch Code Sheets
> Create a Code Sheet
> Keypunch a Code Sheet
> Maintenance Menu
> > Batch Edit
> > Code Sheet Edit
> > Delete Code Sheet
> > Mark Code Sheet for Rebatching
> > Review Code Sheet
> Miscellaneous Code Sheet Transmission Menu
> > Batches Waiting to be Transmitted
> > Mark Batch for Retransmission
> > Status of all Batches
> > Transmit Code Sheets
> Purge Transmission Records/Code Sheets
> Reports Menu
> > Batches Waiting to be Transmitted
> > Code Sheets Ready for Batching
> > Status of all Batches

B. Description of Options

The following is a list of the options exported with the Version 2.0 of the Generic Code Sheet package:

GECS BATCH   Batch Code Sheets

This option will batch all code sheets by batch type (File 2101.1).

Type: run routine   Routine: GECSBATC

GECS BATCH EDIT   Batch Edit

This option allows a batch number or priority to be changed or deleted.

Type: run routine   Routine: EDITBAT^GECSMUT1

GECS BATCHES STATUS   Status of all Batches

This option will give the status of all batches.

Type: run routine   Routine: BATCHES^GECSREP0

GECS BATCHES WAITING TRANS   Batches Waiting to be
                                                                      Transmitted

This option will display batches waiting to be transmitted.

Type: run routine   Routine: WAITBAT^GECSREP0

GECS CODE EDIT   Code Sheet Edit

This option will allow a code sheet to be edited.

Type: run routine   Routine: EDIT^GECSEDIT

GECS CREATE   Create a Code Sheet

This option allows users to input data into the fields set up in File 2100 for creating
code sheets.

Type: run routine   Routine: GECSEDIT

GECS DELETE   Delete Code Sheet

This option will allow code sheets to be deleted.

Type: run routine   Routine: DELETE^GECSMUT1

GECS KEYPUNCH   Keypunch a Code Sheet

This option allows a code sheet to be created in a word-processing field.

Type: run routine   Routine: KEY^GECSEDIT

GECS MAIN MENU   Generic Code Sheet
                                                       Menu

This menu contains all options and should only be given to the manager of the generic code sheets system.

Type: menu

GECS MAINTENANCE MENU   Maintenance Menu

This menu is for the manager and provides tools for maintenance of the generic code sheet system and of the code sheets.

Type: menu

GECS MAINTENANCE USER MENU   Maintenance Menu

This menu is for the users (under the GECS USER MENU) for maintenance of the code sheets.

Type: menu

GECS PURGE   Purge Transmission
                                                     Records/Code Sheets

This option will purge old code sheets and transmitted code sheets.

Type: run routine   Routine: GECSPURG

Locked With Key: GECSETUP

GECS READY FOR BATCHING LIST   Code Sheets Ready for
                                                              Batching

This option will list code sheets which are ready for batching.

Type: run routine   Routine: READYBAT^GECSREP0

GECS REBATCH   Mark Code Sheet for
                                                              Rebatching

This option will allow a code sheet to be rebatched.

Type: run routine   Routine: REMARK^GECSMUT1

GECS REPORTS MENU   Reports Menu

This menu contains the reports necessary to manage the generic code sheet system.

Type: menu

GECS RETRANSMIT   Mark Batch for
                                                              Retransmission

This option allows batches to be retransmitted.

Type: run routine   Routine: RETRAN^GECSMUT2

GECS REVIEW CODE SHEET   Review Code Sheet

This option allows code sheets waiting to be batched, to be edited.

Type: run routine   Routine: REVIEW^GECSMUT1

GECS SETUP   Initialize a Code Sheet
                                                             Type

This option will make it easier to set up a code sheet.

Type: run routine   Routine: GECSETUP

Locked With Key: GECSETUP

GECS STACK MENU   Stack Menu

This menu contains the options for the Stack file.

Type: menu

GECS STACK REPORT   Stack Status Report

This option will print selected stack documents showing the status, description,
errors, code sheets, etc.

Type: run routine   Routine: GECSRSTA

GECS STACK RETRANSMIT   Retransmit Stack file
                                                             Document

This option will retransmit the document located in the Stack file. The option
should be used to retransmit those documents which have not been received (no
confirmation message). Retransmitting received documents may lead to rejects.

Type: run routine   Routine: GECSSTT1

GECS STACK TRANSMIT TASKMAN   Transmit Stack file By
                                                             Taskmanager

This option should be queued through TaskMan to transmit the code sheet from the
Generic Code Sheet Stack file (#2100.1).

Type: run routine   Routine: TRANSALL^GECSSTTM

GECS STACK USER COMMENTS   User Comments

This option will allow the user to enter comments concerning a stack file entry. The comments will appear on the Stack Status Report.

Type: run routine   Routine: GECSSCOM

GECS TRANSMIT   Transmit Code Sheets

This option will transmit a batch.

Type: run routine   Routine: GECSTRAN

GECS TRANSMIT USER   Transmission Menu

This menu is designated for users who transmit code sheets (batches).

Type: menu

GECS USER MENU   Generic Code Sheet
                                                Menu

This menu is designated for users who can create and batch code sheets.

Type: menu

==
==

GECO GECS BATCH   Batch Code Sheets

This option will batch all code sheets by batch type (File 2101.1).

Type: action   Action: S GECSSYS="- GECO" D BATCH^GECSCALL

GECO GECS BATCH EDIT   Batch Edit

This option allows a batch number or priority to be changed or deleted.

Type: action   Action: S GECSSYS="- GECO" D EDITBAT^GECSCALL

GECO GECS BATCHES STATUS   Status of all Batches

This option will give the status of all batches.

Type: action   Action: S GECSSYS="- GECO" D RSTATUS^GECSCALL

GECO GECS BATCHES WAITING TRAN   Batches Waiting to be
                                                 Transmitted

This option will display batches waiting to be transmitted.

Type: action   Action: S GECSSYS="- GECO" D RBATWA^GECSCALL

GECO GECS CODE EDIT   Code Sheet Edit

This option will allow a code sheet to be edited.

Type: action   Action: S GECSSYS="- GECO" D EDITCOD^GECSCALL

GECO GECS CREATE   Create a Code Sheet

This option allows users to input data into the fields set up in File 2100 for creating code sheets.

Type: action   Action: S GECSSYS="- GECO" D CREATE^GECSCALL

GECO GECS DELETE   Delete a Code Sheet

This option will allow code sheets to be deleted.

Type: action   Action: S GECSSYS="- GECO" D DELCODE^GECSCALL

GECO GECS KEYPUNCH   Keypunch a Code Sheet

This option allows a code sheet to be created in a word-processing field.

Type: action   Action: S GECSSYS="- GECO" D KEY^GECSCALL

GECO GECS MAIN MENU   Miscellaneous Code
                                                  Sheet Manager Menu

This menu contains all options and should only be given to the manager of the generic code sheets system.

Type: menu

GECO GECS MAINTENANCE USER MEN   Maintenance Menu

This menu is for the users (under the GECS USER MENU) for maintenance of the code sheets.

Type: menu

GECO GECS PURGE   Purge Transmission
                                              Records/Code Sheets

This option will purge old code sheets and transmitted code sheets.

Type: action   Action: S GECSSYS="- GECO" D PURGE^GECSCALL

GECO GECS READY FOR BATCHING L   Code Sheets Ready for
                                              Batching

This option will list code sheets which are ready for batching.

Type: action   Action: S GECSSYS="- GECO" D RCODEBA^GECSCALL

GECO GECS REBATCH   Mark Code Sheets for
                                                       Rebatching

This option will allow a code sheet to be rebatched.

Type: action   Action: S GECSSYS="- GECO" D REBAT^GECSCALL

GECO GECS REPORTS MENU   Reports Menu

This menu contains the reports necessary to manage the generic code sheet system.

Type: menu

GECO GECS RETRANSMIT   Mark Batch for
                                                       Retransmission

This option allows batches to be retransmitted.

Type: action   Action: S GECSSYS="- GECO" D RETRAN^GECSCALL

GECO GECS REVIEW CODE SHEET   Review a Code Sheet

This option allows code sheets waiting to be batched, to be edit.

Type: action   Action: S GECSSYS="- GECO" D REVCODE^GECSCALL

GECO GECS TRANSMIT   Transmit Code Sheets

This option will transmit a batch.

Type: action   Action: S GECSSYS="- GECO" D TRANS^GECSCALL

GECO GECS TRANSMIT USER   Miscellaneous Code
                                                 Sheet Transmission
                                                 Menu

This menu is designated for users who transmit code sheets (batches).

Type: menu

GECO GECS USER MENU   Miscellaneous Code
                                                 Sheet User Menu

This menu is designated for users who can create and batch code sheets.

Type: menu

Generic Code Sheet V. 2.0
Technical Manual

Archiving and Purging

The Generic Code Sheet package allows old code sheet data to be purged using the option Purge Transmission Records/Code Sheets. There are two versions of this option, one located in the GECS namespace (GECS PURGE) and one located in the GECO namespace (GECO GECS PURGE). The difference between the two options is that the GECS Purge option will allow the purging of all code sheets for all batch types where as the GECO GECS Purge option will only allow those code sheets under batch types containing "- GECO" to be purged.

When the purge option is run it will purge code sheets in the GENERIC CODE SHEET file (#2100), batches in the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3), and the Financial Management System (FMS) stack file entries in the GENERIC CODE SHEET STACK file (#2100.1).

The following is an example of running the GECS Purge option:

```
This routine will delete Code Sheets from the Code Sheet file and
Batch and Transmission records from the Transmission Record file.
Deletion is based upon the date a batch and a code sheet is
created.

Select STATION NUMBER (^ TO EXIT): WASHINGTON,DC// <RET>
Station: WASHINGTON,DC (#688)

DO YOU WANT TO DELETE ALL TYPES OF CODE SHEETS? NO// YES

Enter the number of days you wish to retain code sheets:  (0-999999): 365// <RET>

I will now delete all code sheets and associated records which were
created before DEC 04, 1993 for station 688.
OK to continue? YES// <RET>

DEVICE: <RET>

CODE SHEET/TRANSMISSION RECORD DELETION TRANSCRIPT DEC 4,1994@12:00PAGE1
----------------------------------------------------------------------

        STATION: 688
BATCH TYPE: **ALL**
             USER: MANAGER, IRM

Deleting all code sheets created or transmitted before: DEC 04, 1993

deleting batches and code sheets contained in batches:
cleaning up code sheets:


Finished - deleted 0 code sheets.
cleaning up stack file:
```

External Relations

A. Packages Needed to Run Generic Code Sheets

The Generic Code Sheet package relies on the following external packages to run effectively:

PACKAGE	MINIMUM VERSION NEEDED
Kernel	7.1
VA FileMan	20.0
MailMan	7.0

B. Files Needed to Run Generic Code Sheets

The Generic Code Sheet package expects the following external files to be present, with data:

FILE	NUMBER
INSTITUTION	(#4)
DOMAIN	(#4.2)
NEW PERSON	(#200)

C. Entry Points with Open Subscriptions

The following entry points are provided for all packages to use. However, before using the entry points it is requested you contact the Washington ISC to discuss the code sheet which will be using the entry points.

1. GECSENTR

The routine GECSENTR can be called to automatically build a code sheet by stuffing the data into the GENERIC CODE SHEET file (#2100). It will take the data in the GECS("STRING",i) array and map it to the input template, thus building the code sheet.

The input variables for this entry point are:

GECS("STRING",i)   This variable stores the data to be mapped into the input template. The data is delimited by the ^ (up-arrow). The GECSENTR routine will $ORDER through the GECS("STRING",i) array starting

	with i=<null>. Therefore, when building this array, the value of "i" must start with 0 and count up. This variable is required.
GECS("TTF")	This variable must be set to the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2) entry (.01 field). The GECSENTR routine will lookup on the "B" cross-reference in File 2101.2 using the GECS("TTF") variable. This variable is required.
GECS("SITENOASK")	This variable can be set to the station number which is generating the code sheet. This variable is optional. If it is not passed and there is more than one entry in the GENERIC CODE SHEET SITE file (#2101.7), the user will be prompted to select the station.
GECSSYS	This variable must be set to the GENERIC CODE SHEET BATCH TYPE file (#2101.1) entry (.01 field). The GECSENTR routine will lookup on the "B" cross-reference in File 2101.1 using the GECSSYS variable. This variable is required.
GECSAMIS	This variable can be set to the amis month year in the internal format YYYMM00. For example, December 1994 would be passed as 2941200. This variable is optional.

GECSAUTO   This variable can be set to
                                      "BATCH" or "SAVE". If this
                                      variable is set to "BATCH", the
                                      GECSENTR routine will
                                      automatically mark the code
                                      sheet for batching without asking
                                      the user. If this variable is set to
                                      "SAVE", the GECSENTR routine
                                      will automatically save the code
                                      sheet for editing at a later time
                                      by the user. This variable is
                                      optional. If this variable is not
                                      passed or is set to a value
                                      different from "BATCH" and
                                      "SAVE", the user will be
                                      prompted to select the status of
                                      the code sheet.

2. Callable Menu Options

Since there are many applications which are calling the Generic Code Sheet options
to create, edit, batch, and transmit code sheets, it is necessary to provide those
applications with callable entry points to the options. The following is a list of the
menu option, the old Version 1.5 entry point which will be deleted in the next
version, and the new Version 2.0 entry point.

OPTION	OLD ENTRY POINT	NEW ENTRY POINT
Batch Code Sheets	^GECSBATC	BATCH^GECSCALL
Create a Code Sheet	EN1^GECSA	CREATE^GECSCALL
Keypunch a Code Sheet	KEY^GECSA	KEY^GECSCALL
Batch Edit	GECSE	EDITBAT^GECSCALL
Code Sheet Edit	EDIT^GECSE1	EDITCOD^GECSCALL
Delete Code Sheet	DEL^GECSE1	DELCODE^GECSCALL

Mark Batch for Retransmission	RETRAN^GECSE2	RETRAN^GECSCALL
Mark Code Sheet for Rebatching	REBAT^GECSE2	REBAT^GECSCALL
Purge Transmission Records/Code Sheets	^GECSPURG	PURGE^GECSCALL
Review Code Sheet	REVIEW^GECSE1	REVCODE^GECSCALL
Batches Waiting to be Transmitted	WAITBAT^GECSLIST	RBATWA^GECSCALL
Code Sheets Ready for Batching	RBAT^GECSLIST	RCODEBA^GECSCALL
Status of all Batches	BATCHES^GECSLIST	RSTATUS^GECSCALL
Transmit Code Sheets	^GECSTRAN	TRANS^GECSCALL
Retransmit Stack file Document (used for batch FINANCIAL MANAGEMENT only)	(new V2.0 option)	STACRETR^GECSCALL
Stack Status Report (used for batch FINANCIAL MANAGEMENT only)	(new V2.0 option)	STACSTAT^GECSCALL
User Comments (used for batch FINANCIAL MANAGEMENT only)	(new V2.0 option)	COMMENT^GECSCALL

All OLD ENTRY POINTS are supported and usable with Version 2.0. All NEW ENTRY POINTS can be found in the routine GECSCALL. Before calling the entry point, the variable GECSSYS must be set to the batch type from the GENERIC CODE SHEET BATCH TYPE file (#2101.1). The GECSSYS variable is used to only allow the user to create, edit, batch, and transmit code sheets which are grouped under the GECSSYS batch type. For an example of setting the GECSSYS variable and using the NEW ENTRY POINTS, please see the GECO GECS Main Menu options located under the Exported Options chapter of this manual.

D. Entry Points with Controlled Subscriptions

The following entry points are provided with a controlled subscription. Only those packages listed can use the entry points. If you need to use any of these entry points, or need an entry point provided for you, please contact the Washington ISC.

1. ENTRY POINT: DO CONTROL^GECSUFMS (1,2,3,4,5,6,7,8)

This entry point is provided for IFCAP to build the FMS control segments CTL, BAT, DOC, and <tc>1 where <tc> is the transaction class segment. The entry point will format the segments and add the segments to the GENERIC CODE SHEET STACK file (#2100.1).

1	The system creating the FMS Code sheet: A for accounts receivable; I for IFCAP; C for manual create a code sheet.
2	The 3 digit station number.
3	The source document number creating the code sheet prefixed with the station number.
4	The transaction code, 2 alpha characters.
5	The security code, from 1 to 4 characters.
6	A flag to indicate if it's a modification document. Pass a 1 for a modification document, 0 otherwise.
7	A flag to indicate if the FMS code sheet has already updated the IFCAP fund control point balance. Pass a Y if the transaction has updated the IFCAP fund control point balance.
8	The description of the calling program which created the code sheet. The description will be displayed to the user when printing the Stack Status Report.

The following variables will be returned to the calling program:

GECSFMS("CTL")   This is the control segment.

GECSFMS("BAT")   This is the modification segment.

GECSFMS("DOC")   This is the document and <tc>1 segment.

GECSFMS("DA")   This is the internal entry number of the
GENERIC CODE SHEET STACK file (#2100.1)
entry which was added.

2. ENTRY POINT: DO SETCS^GECSSTAA(1,2)

This entry point is provided for IFCAP to store the FMS segments in the GENERIC CODE SHEET STACK file (#2100.1).

The following lists the variables passed to the entry point:

1   The internal entry number of the GENERIC CODE SHEET
STACK file (#2100.1) entry.

2   The data to be added to the code sheet.

3. ENTRY POINT: DO SETSTAT^GECSSTAA(1,2)

This entry point is provided for IFCAP to set the status of the FMS code sheets in the GENERIC CODE SHEET STACK file (#2100.1).

The following lists the variables passed to the entry point:

1   The internal entry number of the GENERIC CODE SHEET
STACK file (#2100.1) entry.

2   The status of the entry. Select Q for queued for transmission; M
for marked for transmission. If marked for transmission,
transmission will be immediate.

4. ENTRY POINT: SET Y=$$SELECT^GECSSTAA(1,2,3,4,5)

This entry point is provided for IFCAP to select a GENERIC CODE SHEET STACK file
(#2100.1) entry.

The following lists the variables passed to the entry point:

1   Optional screen on transaction types. Pass the selectable
transaction types using the ^ delimiter, or null to select all
transaction types.

2   Optional screen on the station number. Pass the selectable
        station number, or null to select all station numbers.

3   Optional screen on the status. Pass the selectable status using
        the ^ delimiter, or null to select all code sheets.

4   Optional screen which is M code executed when looking up the
        GENERIC CODE SHEET STACK file (#2100.1) entry.

5   Optional prompt displayed to the user.

The entry point will return the internal entry number followed by an ^ followed by
the .01 stack name. If no selection is made, a zero will be returned.

5. ENTRY POINT: DO SETCODE^GECSSDCT(1,2)

This entry point is called to set the GENERIC CODE SHEET STACK file (#2100.1)
M code which will be executed when the code sheet is accepted or rejected by FMS
in Austin.

The following lists the variables passed to the entry point:

1   The internal entry number of the GENERIC CODE SHEET
        STACK file (#2100.1) entry.

2   The M code label^routine which will be executed when processing
        the accept/reject server message. It should be in the form "DO
        LABEL^ROUTINE". When LABEL^ROUTINE is called, it will
        use parameter passing and pass the following variables:

        1   The FMS document number which is the .01 entry
                in the GENERIC CODE SHEET STACK file
                (#2100.1).

        2   A flag to indicate if the code sheet was accepted or
                rejected. Pass A for accepted, or R for rejected.

        Also, if the code sheet is rejected, the reject message will be
        stored in TMP($J,"GECSSDCT",linenumber,0).

6. ENTRY POINT: DO SETPARAM^GECSSDCT(1,2)

This entry point is provided for IFCAP to set the parameters in the GENERIC CODE SHEET STACK file (#2100.1) which will be used when rebuilding the FMS code sheets.

The following lists the variables passed to the entry point:

1   The internal entry number of the GENERIC CODE SHEET STACK file (#2100.1) entry.

2   The parameters used when rebuilding the code sheet. This is free text from 1 to 200 characters.

7. ENTRY POINT: DO DATA^GECSSGET(1,2)

This entry point is called to retrieve data from the GENERIC CODE SHEET STACK file (#2100.1).

The following lists the variables passed to the entry point:

1   The stack entry name .01 field.

2   A flag to return the actual code sheet. Pass a 1 for the actual code sheet, otherwise 0.

The following variables will be returned to the calling program:

GECSDATA   A standard VA FileMan DIQ lookup array with external data only.

8. ENTRY POINT: DO REBUILD^GECSUFM1(1,2,3,4,5)

This entry point is provided for IFCAP to rebuild the FMS segments CTL, BAT, DOC, and <tc>1 where <tc> is the transaction class segment. The entry point will format the segments, remove the existing code sheet, and add the rebuilt segments to the GENERIC CODE SHEET STACK file (#2100.1).

The following lists the variables passed to the entry point:

1   The internal entry number of the GENERIC CODE SHEET STACK file (#2100.1) entry to be rebuilt.

2   The system creating the FMScode sheet: A for accounts
        receivable; I for IFCAP; C for manual create a code sheet.

3   The security code, from 1 to 4 characters.

4   A flag to indicate if the FMS code sheet has already updated the
        IFCAP fund control point balance. Pass a Y if the transaction has
        updated the IFCAP fund control point balance.

5   The description of the calling program which created the code
        sheet. The description will be displayed to the user when
        printing the Stack Status Report.

The following variables will be returned to the calling program:

GECSFMS("CTL")   This is the rebuilt control segment.

GECSFMS("BAT")   This is the rebuilt modification segment.

GECSFMS("DOC")   This is the rebuilt document and <tc>1 segment.

9. ENTRY POINT: DO PROCESS^GECSSDCT(1,2)

This entry point is called to process the document confirmation transaction (DCT)
from the server. The entry point will update the GENERIC CODE SHEET STACK
file (#2100.1) entry as accepted or rejected. If there is M code set by the entry point
SETCODE^GECSSDCT (see number 5 above), the M code will be executed after
setting the GENERIC CODE SHEET STACK file (#2100.1) entry status.

The following lists the variables passed to the entry point:

1   The stack entry name .01 field.

2   Pass A for accepted or R for rejected

        Also pass the accept or reject mail message in the global
        ^TMP($J,"GECSSDCT",linenumber,0). The mail message will be sent
        to the users responsible for submitting the code sheet.

10. ENTRY POINT: SET Y=$$STATUS^GECSSGET(1)

This entry point is called to return the status of a document in the GENERIC CODE SHEET STACK file (#2100.1).

The following lists the variables passed to the entry point:

    1   The stack entry name .01 field.

E. DBA Custodial Agreements

**GENERIC CODE SHEET Custodial DBI Agreements **

   1093   NAME: DBIA1093-A
  CUSTODIAL PACKAGE: GENERIC CODE SHEET   Washington
SUBSCRIBING PACKAGE: REGISTRATION   Albany
        USAGE: Private   APPROVED: APPROVED
        STATUS: Active   EXPIRES:
      DURATION: Till Otherwise Agr VERSION:
         FILE: ROOT:
     DESCRIPTION: TYPE: Routine
  This is a request for an integration agreement between GECS and PIMS.
  With the changes made in GECS V2.0, the calls made from PIMS no longer
  were available. The call to GETMAP^GECSXMAP( ) will return variable
  GECSMAP( ) containing the fields in the GENERIC CODE SHEET file (#2100)
that are associated with the code sheet selected.

   ROUTINE: GECSXMAP
  COMPONENT: GETMAP
  VARIABLES: GECSMAP   Used
               Contains the fields used in the
                 associated code sheet, among other things.
         Returns GECSMAP containing the fields used in the
       associated code sheet, among other things.

              ****

   1094   NAME: DBIA1093-B
  CUSTODIAL PACKAGE: GENERIC CODE SHEET   Washington

SUBSCRIBING PACKAGE: REGISTRATION   Albany
        USAGE: Private   APPROVED: APPROVED
        STATUS: Active   EXPIRES:
      DURATION: Till Otherwise Agr VERSION:
          FILE: 2100   ROOT: GECS
      DESCRIPTION: TYPE: File
  This is a request for an integration agreement between GECS and PIMS.
  PIMS will be making references to files in GECS and a print template.
  This integration agreement will formalize references that have been
  included in PIMS in the past, and modified to incorporate the changes in
  GECS V2.0.
   ^GECS(2100
    7   TRANSACTION/TYPE SEG PIECE 8, Direct Global Read
            Type of code sheet
    51   KEYPUNCH CODE SHEET "KEY", 0 Direct Global Read
                            signals keypunch code sheet
    9.1   AMIS MONTH/YEAR   PIECE 9, Read w/FileMan
                            AMIS month/year for code sheet
    Generic Code Sheet File. This file is used to store the fields and
    data which make up the actual code sheet.
   ^GECS(2101.2
    #.5   EDIT TEMPLATE   PIECE 3, Direct Global Read
                            CONTAINS EDIT TEMPLATE, NEEDED
                            FOR CALL TO GECS ROUTINE.
    .01   NAME   PIECE 1, Direct Global Read
                            "B" Cross reference of the name
                            field.
    .5   Read w/FileMan
    GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT FILE. This file
stores
    the different types of code sheets used for each type of batch (in
    file 2101.1).
   ^DD(2100
    Data dictionary of 2100 to access field names for display.

**GENERIC CODE SHEET Custodial DBI Agreements **

   ROUTINE:

                    ****

Procedure for Setting up New Code Sheets

The following section outlines the steps to perform in setting up new code sheets. The following dental code sheet will be used in the examples below:

```
          111111111122222222223333333333444444444455555555
 1234567890123456789012345678901234567890123456789012345667
 DENT460000061594PATIENT,NAME                    123456789 $
```

columns 1-4	code sheet type, always DENT
columns 5-7	station number
columns 8-10	station suffix or zeros
columns 11-16	date of care (mmddyy)
columns 17-46	patient name
columns 47-56	patient social security number
column 57	code sheet terminator

A. Create the Fields for the New Code Sheet

The first step in creating a new code sheet is to create the VA FileMan fields which are contained on the code sheet. The fields need to be created in the GENERIC CODE SHEET file (#2100) using the VA FileMan option Modify File Attributes.

1. Select the Field Numbers

VA FileMan field numbers in the GENERIC CODE SHEET file (#2100) ranging from .001 to 51 are reserved for the Generic Code Sheet package system use. VA FileMan field numbers ranging from 52 to 99 are generic fields which can be used by any code sheet. New code sheets are allowed to use the fields in this range but cannot edit the data dictionary definition of the fields. Newly created fields should be assigned VA FileMan field numbers in the designated range according to the development ISC as follows:

Albany ISC	fields 100 to 199	and	fields 1000 to 1999
Washington ISC	fields 200 to 299	and	fields 2000 to 2999
Birmingham ISC	fields 300 to 399	and	fields 3000 to 3999
Chicago ISC	fields 400 to 499	and	fields 4000 to 4999
Salt Lake City ISC	fields 500 to 599	and	fields 5000 to 5999
San Francisco ISC	fields 600 to 699	and	fields 6000 to 6999
Dallas ISC	fields 700 to 799	and	fields 7000 to 7999

2. Select the Global Location for Storing the Fields Data

When creating new fields it is necessary to assign the global node used to store the field data. The global node selected should be assigned according to the following:

> package namespace_system identifier_ISC region code.

The package namespace is the 2 or 4 character namespace assigned to the package responsible for creating the code sheet. For example, the dental code sheets would have a package namespace of DENT.

The system identifier is the 3 character code sheet identifier which is located in the SYSTEM ID field (#3) in the GENERIC CODE SHEET BATCH TYPE file (#2101.1). For example, the dental code sheets use DAS as the system identifier. The AMIS code sheets use AMS as the system identifier.

The ISC region code is the number of the region the ISC is located in. It is also the first number of the fields assigned to the ISC (as listed above). For example the Washington ISC is assigned ISC region code 2.

In the example above, the fields used for the dental code sheets would be placed on the global node "DENTDAS2" where DENT is the package namespace, DAS is the system identifier, and 2 is the Washington ISC region code. The entire global reference would be ^GECS(2100,DA,"DENTDAS2",.

If the newly created fields will not all fit on the global node, a new global node can be used by concatenating the letters of the alphabet to the original global node starting with the letter "A". For example, the next global node would be DENTDAS2A followed by DENTDAS2B, etc.

The following is an example of creating the fields for the dental code sheet:
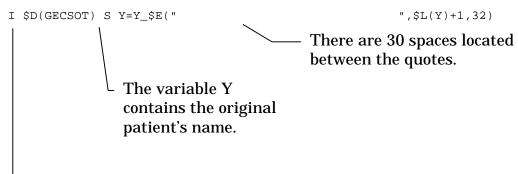
```
VA FileMan 20.0

Select OPTION: MODIFY FILE ATTRIBUTES

MODIFY WHAT FILE: GENERIC CODE SHEET// <RET>

Select FIELD: 2900<return>
  ARE YOU ADDING A NEW FIELD (THE 2233RD)? Y (YES)
    LABEL: CODE SHEET TYPE
    FIELD NUMBER: 2900// <RET>

DATA TYPE OF CODE SHEET TYPE: FREE TEXT
MINIMUM LENGTH: 4
MAXIMUM LENGTH: 4
(OPTIONAL) PATTERN MATCH (IN 'X'): <RET>
WILL CODE SHEET TYPE FIELD BE MULTIPLE? NO// <RET> (NO)

SUBSCRIPT: 0// DENTDAS2
^-PIECE POSITION: 1// <RET>
IS CODE SHEET TYPE ENTRY MANDATORY (Y/N): NO// <RET>
....
'HELP'-PROMPT: Answer must be 1-4 characters in length.
          Replace <RET>
```

```
XECUTABLE 'HELP': <RET>




Select FIELD: 2901
  ARE YOU ADDING A NEW FIELD (THE 2234TH)? Y  (YES)
   LABEL: DATE OF CARE
   FIELD NUMBER: 2901// <RET>

DATA TYPE OF DATE OF CARE: DATE/TIME
EARLIEST DATE (OPTIONAL): <RET>
CAN DATE BE IMPRECISE (Y/N): YES//<RET>
CAN TIME OF DAY BE ENTERED (Y/N): NO// <RET>
WILL DATE OF CARE FIELD BE MULTIPLE? NO// <RET> (NO)

SUBSCRIPT: 0// DENTDAS2<RET>
^-PIECE POSITION: 2//<RET>
IS DATE OF CARE ENTRY MANDATORY (Y/N): NO// YES
....
'HELP'-PROMPT: <RET>
XECUTABLE 'HELP': <RET>




Select FIELD: 2902
  ARE YOU ADDING A NEW FIELD (THE 2235TH)? Y (YES)
   LABEL: PATIENT NAME
   FIELD NUMBER: 2902//<RET>

DATA TYPE OF PATIENT NAME: FREE TEXT
MINIMUM LENGTH: 1
MAXIMUM LENGTH: 30
(OPTIONAL) PATTERN MATCH (IN 'X'): <RET>
WILL PATIENT NAME FIELD BE MULTIPLE? NO// <RET> (NO)

SUBSCRIPT: 0// DENTDAS2
^-PIECE POSITION: 3// <RET>
IS PATIENT NAME ENTRY MANDATORY (Y/N): NO// YES
....
'HELP'-PROMPT: Answer must be 1-30 characters in length.
          Replace <RET>
XECUTABLE 'HELP': <RET>




Select FIELD: 2903
  ARE YOU ADDING A NEW FIELD (THE 2236TH)? Y (YES)
   LABEL: SSN
   FIELD NUMBER: 2903// <RET>

DATA TYPE OF SSN: FREE  TEXT
MINIMUM LENGTH: 1
MAXIMUM LENGTH: 10
(OPTIONAL) PATTERN MATCH (IN 'X'): <RET>
WILL SSN FIELD BE MULTIPLE? NO// <RET> (NO)

SUBSCRIPT: 0// DENTDAS2
^-PIECE POSITION: 4// <RET>
IS SSN ENTRY MANDATORY (Y/N): NO// YES
....
'HELP'-PROMPT: Answer must be 1-10 characters in length.
          Replace <RET>
XECUTABLE 'HELP': <RET>




Select FIELD: <RET>
```

B. Create the Fields Output Transform

The VA FileMan fields output transform can be used to map the field data into a set length for the code sheet. Some code sheets require field data to be a certain length of characters by adding spaces or zeros, etc, to the data. For example, a code sheet may contain a field for the patient's name which occupies 30 positions on the code sheet. Since all patient names are not thirty characters, it is necessary to add spaces to the end of the patient name in order to fill the positions on the code sheet. To do this, you can use VA FileMan's output transform to add the spaces to the end of the data as follows:

```
I $D(GECSOT) S Y=Y_$E("                              ",$L(Y)+1,32)
```

There are 30 spaces located between the quotes.

The variable Y contains the original patient's name.

When using output transforms in the Generic Code Sheet package, the variable GECSOT must be checked for data first or the output transform will not be executed.

The following is an example for creating the output transforms for the dental code sheet:

```
VA FileMan 20.0

Select OPTION: UTILITY FUNCTIONS
Select UTILITY OPTION: OUTPUT TRANSFORM

MODIFY WHAT FILE: GENERIC CODE SHEET// <RET>
Select FIELD: 2901  DATE OF CARE
DATE OF CARE OUTPUT TRANSFORM: I $D(GECSOT) S Y=$E(Y,4,7)_$E(Y,2,3)


Select UTILITY OPTION: OUTPUT TRANSFORM

MODIFY WHAT FILE: GENERIC CODE SHEET// <RET>
Select FIELD: 2902 PATIENT NAME
PATIENT NAME OUTPUT TRANSFORM: I $D(GECSOT) S Y=Y_$E("
",$L(Y)+1,30)


Select UTILITY OPTION: OUTPUT TRANSFORM

MODIFY WHAT FILE: GENERIC CODE SHEET// <RET>
Select FIELD: 2903  SSN
SSN OUTPUT TRANSFORM: I $D(GECSOT) S Y=Y_$E("          ",$L(Y)+1,10)

Select UTILITY OPTION: <RET>
```

C. Create the Input Template

The next step in creating a new code sheet is to create the input template. The input template is used to build the code sheet and to prompt the user with the fields. The order of the fields on the input template is the order the fields will be arranged to build the actual code sheet.

When creating an input template, make sure the name of the input template is in the following form:

> package namespace_1space_system identifier_ISC region code_1space_description

The package namespace is the 2 or 4 character namespace assigned to the package responsible for creating the code sheet. For example, the dental code sheets would have a package namespace of DENT.

1space is the ASCII character 32.

The system identifier is the 3 character code sheet identifier which is located in the SYSTEM ID field (#3) in the GENERIC CODE SHEET BATCH TYPE file (#2101.1). For example, the dental code sheets use DAS as the system identifier. The AMIS code sheets use AMS as the system identifier.

The ISC region code is the number of the region the ISC is located in. It is also the first number of the fields assigned to the ISC. For example the Washington ISC is assigned ISC region code 2.

The input template used for the dental code sheets would be named DENT DAS2 01 TEST CODE SHEETS where DENT is the package namespace, DAS is the system identifier, 2 is the Washington ISC region code, and 01 TEST CODE is the code sheet description.

The following is an example of creating the input template for the dental code sheet:

```
VA FileMan 20.0

Select OPTION: ENTER OR EDIT FILE ENTRIES

INPUT TO WHAT FILE: GENERIC CODE SHEET// <RET>
EDIT WHICH FIELD: ALL// 2900///^S X="DENT"  CODE SHEET TYPE
THEN EDIT FIELD: 5///^S X=GECS("SITE")  STATION NUMBER
THEN EDIT FIELD: 6   SUFFIX
THEN EDIT FIELD: 2901   DATE OF CARE
THEN EDIT FIELD: 2902   PATIENT NAME
THEN EDIT FIELD: 2903   SSN
THEN EDIT FIELD: 99///^S X="$"   AUTOMATIC TERMINATOR
THEN EDIT FIELD: <RET>
```

```
        STORE THESE FIELDS IN TEMPLATE: DENT DAS2 01 TEST CODE
          ARE YOU ADDING 'DENT DAS2 01 TEST CODE' AS
            A NEW INPUT TEMPLATE? Y    (YES)


        Select GENERIC CODE SHEET ID: <RET>

        Select OPTION: <RET>
```

D. Initialize the Code Sheet

The next step in creating a new code sheet is to initialize the code sheet by linking the code sheet to the input template and to the batch type. To initialize the code sheet, use the Initialize a Code Sheet Type option from the Maintenance Menu under the GECS MAIN MENU. In order to use this option you must be assigned the GECSETUP security key.

```
        Select Maintenance Menu Option: INITialize a Code Sheet Type
```

First, you should use File Manager's Modify File Attributes option and set up the fields used for this code sheet. Use the field numbers and global nodes assigned to the application and ISC. Also, use any necessary input transforms for manipulating the data for the code sheet.

Secondly, you should use File Manager's Enter or Edit File Entries option and create the Input Template corresponding to the fields used in the Generic Code Sheet system. Selected fields should be in the order they are to be coded.

```
        Setting Up File 2101.7 GENERIC CODE SHEET SITE...
        Select GENERIC CODE SHEET SITE NAME: WASHINGTON,DC      DISTRICT OF
        COLUMBIA    688
                ...OK? YES// <RET> (YES)

        NAME: WASHINGTON,DC// <RET>
        PRIMARY SITE?: YES// <RET>

        Setting Up File 2101.1 GENERIC CODE SHEET BATCH TYPE...
        Select GENERIC CODE SHEET BATCH TYPE NAME: DENTAL TEST
          ARE YOU ADDING 'DENTAL TEST' AS
            A NEW GENERIC CODE SHEET BATCH TYPE (THE 35TH)? Y   (YES)
        NAME: DENTAL TEST// <RET>
        BATCH DESCRIPTION:
         1>Dental Service Code Sheets<return>
         2><RET>
        EDIT Option: <RET>
        Select RECEIVING USER: XXX
          ARE YOU ADDING 'XXX' AS A NEW RECEIVING USER (THE 1ST FOR THIS
        GENERIC CODE SHEET BATCH TYPE)? Y   (YES)
          DOMAIN MAIL ROUTER: Q-DAS.VA.GOV
          TRANSMIT: YES
        MAX CODE SHEETS PER MESSAGE: 100
        SYSTEM ID: DAS

        Setting Up File 2101.2 GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT...
        Select GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT NAME: DENT01
          ARE YOU ADDING 'DENT01' AS
            A NEW GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT (THE 320TH)? Y
        (YES)
```

```
NAME: DENT01// <RET>
EDIT TEMPLATE: [DENT DAS2 01 TEST CODE]
BATCH TYPE: DENTAL TEST// <RET>
ACTIVE CODE SHEET: Y    YES
GENERAL PURPOSE: 01 Test Code Sheet
```

E. Set up Menu Options

The last step in creating new code sheets is to set up the menu options under the applications assigned namespace. For example, the dental code sheets would be accessible under the menu options prefixed with DENT. In order to determine which menu options to create, refer to the section titled Exported Options. For all options which are prefixed with GECO substitute the package namespace DENT.

The following lists an example of the dental menu options:

Make sure the
variable GECSSYS
is set to the name of
the batch type.

DENT GECS BATCH   Batch Code Sheets

This option will batch all code sheets by batch type (File 2101.1).

Type: action   Action: S GECSSYS="DENTAL" D BATCH^GECSCALL

DENT GECS BATCH EDIT   Batch Edit

This option allows a batch number or priority to be changed or deleted.

Type: action   Action: S GECSSYS="DENTAL" D EDITBAT^GECSCALL

DENT GECS BATCHES STATUS   Status of all Batches

This option will give the status of all batches.

Type: action   Action: S GECSSYS="DENTAL" D RSTATUS^GECSCALL

DENT GECS BATCHES WAITING TRAN   Batches Waiting to be
                                                    Transmitted

This option will display batches waiting to be transmitted.

Type: action   Action: S GECSSYS="DENTAL" D RBATWA^GECSCALL

DENT GECS CODE EDIT   Code Sheet Edit

This option will allow a code sheet to be edited.

Type: action   Action: S GECSSYS="DENTAL" D EDITCOD^GECSCALL

DENT GECS CREATE   Create a Code Sheet

This option allows users to input data into the fields set up in File 2100 for creating code sheets.

Type: action   Action: S GECSSYS="DENTAL" D CREATE^GECSCALL

DENT GECS DELETE   Delete a Code Sheet

This option will allow code sheets to be deleted.

Type: action   Action: S GECSSYS="DENTAL" D DELCODE^GECSCALL

DENT GECS KEYPUNCH   Keypunch a Code Sheet

This option allows a code sheet to be created in a word-processing field.

Type: action   Action: S GECSSYS="DENTAL" D KEY^GECSCALL

DENT GECS MAIN MENU   Miscellaneous Code
                                            Sheet Manager Menu

This menu contains all options and should only be given to the manager of the generic code sheets system.

Type: menu

DENT GECS MAINTENANCE USER MEN   Maintenance Menu

This menu is for the users (under the GECS USER MENU) for maintenance of the code sheets.

Type: menu

DENT GECS PURGE   Purge Transmission
                                                     Records/Code Sheets

This option will purge old code sheets and transmitted code sheets.

Type: action   Action: S GECSSYS="DENTAL" D PURGE^GECSCALL

DENT GECS READY FOR BATCHING L   Code Sheets Ready for
                                        Batching

This option will list code sheets which are ready for batching.

Type: action   Action: S GECSSYS="DENTAL" D RCODEBA^GECSCALL

DENT GECS REBATCH   Mark Code Sheets for
                                               Rebatching

This option will allow a code sheet to be rebatched.

Type: action   Action: S GECSSYS="DENTAL" D REBAT^GECSCALL

DENT GECS REPORTS MENU   Reports Menu

This menu contains the reports necessary to manage the generic code sheet system.

Type: menu

DENT GECS RETRANSMIT   Mark Batch for
                                               Retransmission

This option allows batches to be retransmitted.

Type: action   Action: S GECSSYS="DENTAL" D RETRAN^GECSCALL

DENT GECS REVIEW CODE SHEET   Review a Code Sheet

This option allows code sheets waiting to be batched, to be edited.

Type: action   Action: S GECSSYS="DENTAL" D REVCODE^GECSCALL

DENT GECS TRANSMIT   Transmit Code Sheets

This option will transmit a batch.

Type: action   Action: S GECSSYS="DENTAL" D TRANS^GECSCALL

DENT GECS TRANSMIT USER   Miscellaneous Code
                                               Sheet Transmission
                                               Menu

This menu is designated for users who transmit code sheets (batches).

Type: menu

DENT GECS USER MENU   Miscellaneous Code
                                               Sheet User Menu

This menu is designated for users who can create and batch code sheets.

Type: menu

Internal Relations

A. Internal Relationships

All of the Generic Code Sheet package options have been designed to stand alone.

B. Internal Calls

The following is a description of the major Generic Code Sheet routines and entry points called by more than one other Generic Code Sheet routine. These routines and entry points are not callable from outside of the package.

MARKBAT^GECSMUT1	This entry point is used to mark a code sheet for batching.
KILLCS^GECSPUR1	This entry point is used to delete a code sheet from the GENERIC CODE SHEET file (#2100).
STATUS^GECSSGET	This entry point will return the status of a Financial Management System code sheet in the GENERIC CODE SHEET STACK file (#2100.1).
^GECSSITE	This routine controls the selection and set up of the programming variables for the GENERIC CODE SHEET SITE file (#2101.7).
ERROR^GECSSTTR	This entry point will record any errors which occur with the Financial Management System code sheets in the GENERIC CODE SHEET STACK file (#2100.1).
MAILMSG^GECSSTTR	This entry point will create and transmit the code sheets from the GENERIC CODE SHEET STACK file (#2100.1).
LOCKSYS^GECSULOC	This entry point controls the locking of the Generic Code Sheet package. This entry point does not control the actual incremental locking of the GECS globals. It is used to update the GENERIC CODE SHEET LOCK file (#2101.6) and to

display the reason an incremental lock fails (another user batching or transmitting code sheets).

UNLOCK^GECSULOC   This entry clears out the GENERIC CODE SHEET LOCK file (#2101.6) after the batching or transmitting process finishes.

COUNTER^GECSUNUM   This entry point will return the next counter number for code sheets, batches, or Financial Management System modifications.

BATCHSEL^GECSUNUM   This entry point will ask the user to select a batch number from the GENERIC CODE SHEET TRANSMISSION RECORD file (#2101.3).

CODESHET^GECSUSEL   This entry point will ask the user to select a code sheet from the GENERIC CODE SHEET file (#2100).

BATNOFMS^GECSUSEL   This entry point controls the selection and program variable definition for the batch type in the GENERIC CODE SHEET BATCH TYPE file (#2101.1). Since Financial Management System code sheets are not batched, the entry point will prevent the selection of the Financial Management System batch type. Also, if the variable GECSSYS is defined, the batch type will be automatically selected and the user not asked.

BATTYPE^GECSUSEL   This entry point asks the user to select a batch type from the GENERIC CODE SHEET BATCH TYPE file (#2101.1).

TRANTYPE^GECSUSEL   This entry point will ask the user to select a transaction type/segment from the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2). Entries are screened by the batch type.

STATUS^GECSUSTA   This entry point will return the status of the code sheet in the GENERIC CODE SHEET file (#2100). Statuses include: retained in file; ready for batching; ready for transmission; or transmitted.

RETAIN^GECSUSTA   This entry point will mark the code sheet status as retained in the GENERIC CODE SHEET file (#2100).

YN^GECSUTIL   This is the yes/no reader used by the Generic Code Sheet package.

DELASK^GECSUTIL   This entry point will ask the user if they want to delete the code sheet from the GENERIC CODE SHEET file (#2100).

ERROR^GECSUTIL   This entry point will display any errors with setting up the programming variables for the code sheet in the GENERIC CODE SHEET file (#2100).

PRINT^GECSUTIL   This entry point will print the code sheet from the GENERIC CODE SHEET file (#2100).

VARIABLE^GECSUTIL   This entry point will set up the programming variables for the code sheet in the GENERIC CODE SHEET file (#2100).

GECSVFY0   This program will check the GENERIC CODE SHEET BATCH TYPE file (#2101.1) and the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2) for errors).

ASKTOBAT^GECSXBL1   This entry point will ask the user to batch the code sheets (or transmit the Financial Management System code sheets), edit the code sheet, retain the code sheet for editing later, or delete the code sheet. The variable GECSAUTO controls automatic batching or retaining in the file without asking.

MAPDATA^GECSXBLD   This entry point will map the data for the code sheet in the GENERIC CODE SHEET file (#2100) to the input template for the code sheet.

GETMAP^GECSXMAP   This entry point will return a map of the input template for the code sheet which can then be used with MAPDATA^GECXBLD to map the data to the input template.

Package-wide Variables

The following is a list of the more important namespaced variables used by the Generic Code Sheet package. These variables are listed here for support purposes only and can change from version to version.

GECS("BATCH") and GECSBATC and GECSSYS	The name of the GENERIC CODE SHEET BATCH TYPE file (#2101.1) entry.
GECS("BATDA") and GECSBADA	The internal entry number of the GENERIC CODE SHEET BATCH file (#2101.1) entry.
GECS("CSDA")	The internal entry number of the code sheet stored in the GENERIC CODE SHEET file (#2100).
GECS("CSNAME")	The name of the code sheet stored in the GENERIC CODE SHEET file (#2100).
GECS("EDIT")	The name of the input template used to create the code sheet.
GECS("FY")	The fiscal year.
GECS("PER")	The user's DUZ followed by an ^ followed by the user's name.
GECS("SITE")	The 3 digit station number.
GECS("SITE1")	The 3 digit station suffix if applicable.
GECS("SYSID")	The 3 character system identifier for the batch type.
GECS("TT")	The name of the GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT file (#2101.2 entry.

GECS("TTDA")   The internal entry number of the GENERIC
                      CODE SHEET TRANSACTION
                      TYPE/SEGMENT file (#2101.1) entry.

On-line Documentation

A. On-line Help

Throughout the entire Generic Code Sheet package, you will always be able to enter a question mark (?) to obtain on-line information to assist you in your choice of actions at any prompt.

B. Printing Data Dictionaries

The Data Dictionaries (DDs) are considered part of the on-line documentation for this software application. It may be necessary to print the DDs in order to support the package at your site. You may want to skip printing the DDs for the GENERIC CODE SHEET file (#2100) since there are over 2500 fields defined and it will use a lot of paper.

The following is a list of files which are exported with the package and should have the DDs printed:

2100	GENERIC CODE SHEET (you may want to skip printing the DD for this file)
2100.1	GENERIC CODE SHEET STACK
2101.1	GENERIC CODE SHEET BATCH TYPE
2101.2	GENERIC CODE SHEET TRANSACTION TYPE/SEGMENT
2101.3	GENERIC CODE SHEET TRANSMISSION RECORD
2101.5	GENERIC CODE SHEET COUNTER
2101.6	GENERIC CODE SHEET LOCK
2101.7	GENERIC CODE SHEET SITE

C. How to Print the Data Dictionaries (DDs)

The Data Dictionaries for the Generic Code Sheet files may be printed using the VA FileManager's option LIST FILE ATTRIBUTES under the DATA DICTIONARY UTILITIES Menu as follows:

```
VA FileMan 20.0

Select OPTION: DATA DICTIONARY UTILITIES
Select DATA DICTIONARY UTILITY OPTION: LIST FILE ATTRIBUTES
 START WITH WHAT FILE: GENERIC CODE SHEET STACK// <RET>
```

```
            GO TO WHAT FILE: GENERIC CODE SHEET STACK// <RET>
             Select SUB-FILE: <RET>
Select LISTING FORMAT: STANDARD// BRIEF
ALPHABETICALLY BY LABEL? NO// YES
DEVICE: [enter printer device here]
```

The DD will now print on the user's/ specified device.

Glossary

Batch   A group of code sheets.

Batch Number   The number assigned to a group of code sheets which have been batched.

Batch Status   1. Not transmitted
2. Transmitted

Batch Type   The batch type describes the application or service which is responsible for creating and transmitting specific code sheet types. The code sheet types (transaction type/segment) are grouped by batch type. The batch type also directs the transmission of the code sheets to a specific domain (or central receiving computer system).

Code Sheet   An organized group of fields which are used to transmit data from one system to another in a standardized format.

Code Sheet Status   1. Retained in the file
2. Ready for batching
3. Batched (ready for transmission)
4. Transmitted

Confirmation Message   A confirmation message is a VA MailMan message which is sent from the receiving computer system to the sending computer system acknowledging the receipt of a code sheet.

Domain Mail Router   The domain mail router defines the address of the receiving computer system for the transmitted code sheets.

Field Definition

The field definition describes the data element or field for the code sheet. For example the data element "total dollars" may have a field definition of numeric from 0 to 99.99.

Input Template

An organized list of the fields or data elements which make up the code sheets. The input template determines the order the fields are presented to the user and the order they appear on the code sheet.

Keypunch a Code Sheet

Keypunching a code sheet allows the user to use the VA FileMan editor to input a code sheet in a free text format. The user has complete control over the data and format of the data for the code sheet.

Mail Group

A mail group allows messages to be directed to a group of users, etc.

Marked For Batching

When a code sheet is marked for batching, it can be batched or grouped with other code sheets using the Batch Code Sheets option.

Primary Site

The primary site is the main site or station which uses the Generic Code Sheet package. It is usually the name of the medical center.

Stack File

A file which is used to manage the transmission of the Financial Management System (FMS) code sheets. Code sheets which are ready for transmission are stored in the stack file bypassing the batching process.

Transaction Type/Segment

The transaction type/segment is used to define each individual code sheet type. The transaction type/segment can be grouped under the batch type allowing specific applications to create and transmit specific code sheets.

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Department of Veterans Affairs
Decentralized Hospital Computer Program

GENERIC CODE SHEET
TECHNICAL MANUAL

Version 2.0
March 1995

Information Systems Center
Washington, D.C.

Preface

This technical manual is designed to provide the IRM Chief/Site Manager and staff with information necessary to maintain and troubleshoot problems with Version 2.0 of the Generic Code Sheet package. It has also been written to aid the programming community in designing and developing new code sheets.

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